A
User Guide
Of
DVDFab 9

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Copyright and Disclaimer

This User Guide is intended for users, customers or Software Review Specialists to get started with the re-imagined DVDFab 9 software and, is free from Fengtao Software Inc. All rights reserved. Any attempt to use it for any commercial purpose is strictly prohibited. This publication shall not be, even partially, reproduced, redistributed, nor retransmitted in any form or by any means electronic, mechanical, photocopying, recording, or otherwise without the prior written permission of Fengtao Software Inc.

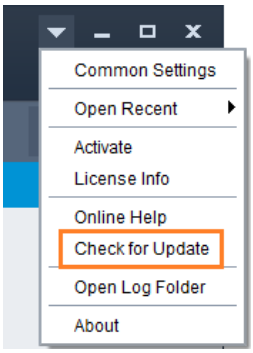
1. Introduction

Welcome to Fengtao Software Inc., the leading software publisher specializing in providing world top-notch home entertainment solutions. Succeeding DVDFab 8, this redesigned DVDFab 9 is the next generation of its DVD, Blu-ray, and video backing up, converting and authoring apps. The restructured interface designs and layouts of this major update have only one mission: **Better the user experience up to a higher level like never before!**

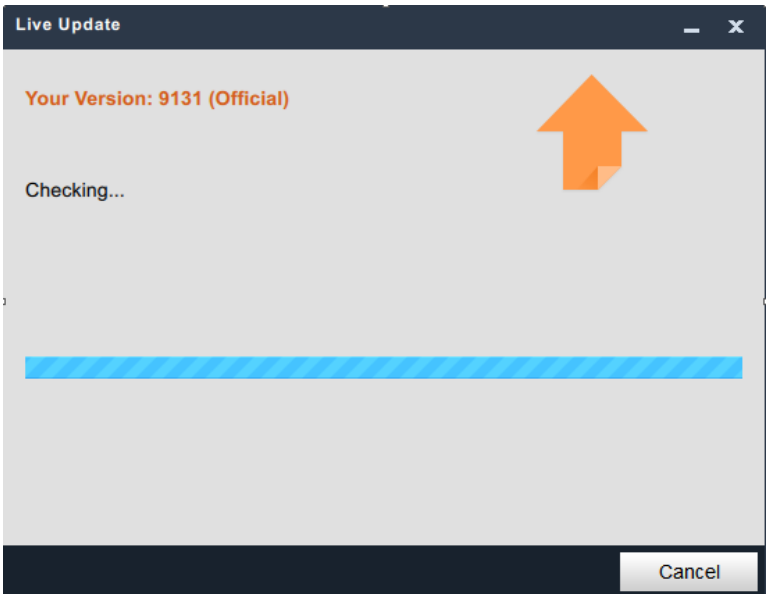
2. Update DVDFab

There are two ways to update DVDFab to the latest version:

2.1 Live Update



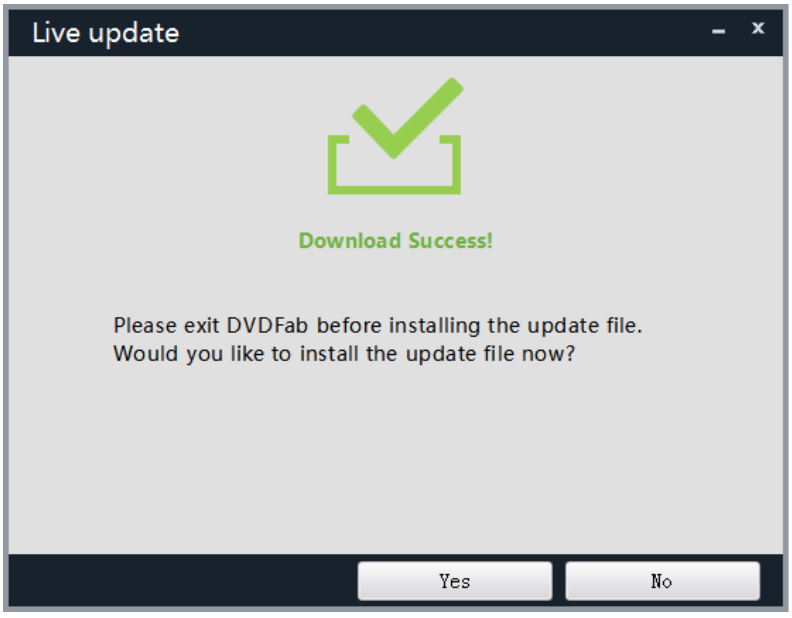
2.1.1 Click the Help Button at the top right corner of Main Interface, and then click Check for Update from the context menu to see if there is a new version available;



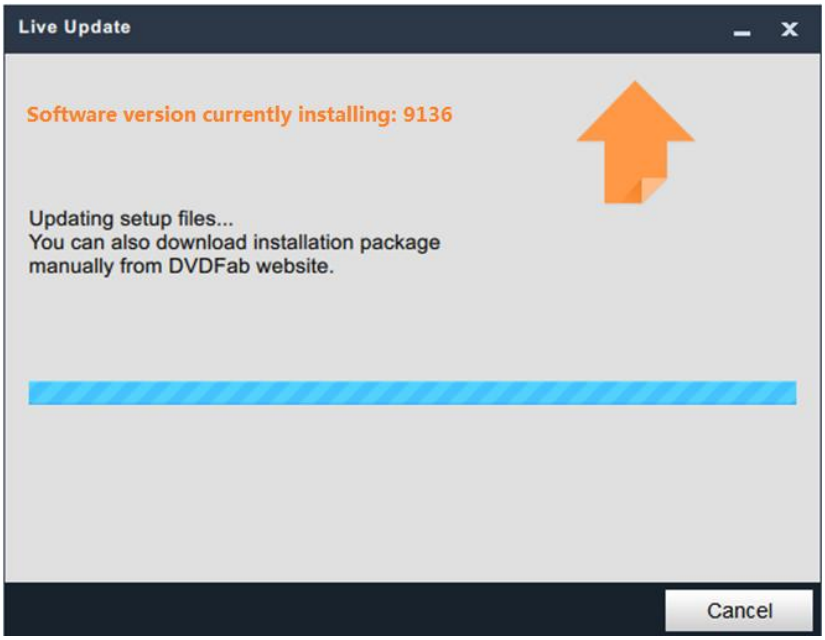
2.1.2 Once a newer version is detected, click the Update button Update to download the update package;

Live Update
Your Version: 9131 (Official)
Latest Version: 9136 (Official)
A new version of DVDFab is available!
Would you like to update now?
As our marketing strategy adjusts, the two brands, DVDFab and BluFab, will coexist simultaneously, starting from this minor update 9.1.3.6. All the existing customers performing updates shall get DVDFab 9 back again, with identical capacities as you always have. This means, we will continue updating DVDFab 9 for existing customers in the future. Your lifetime licenses shall never expire!
Skip
Remind Me Later
Update

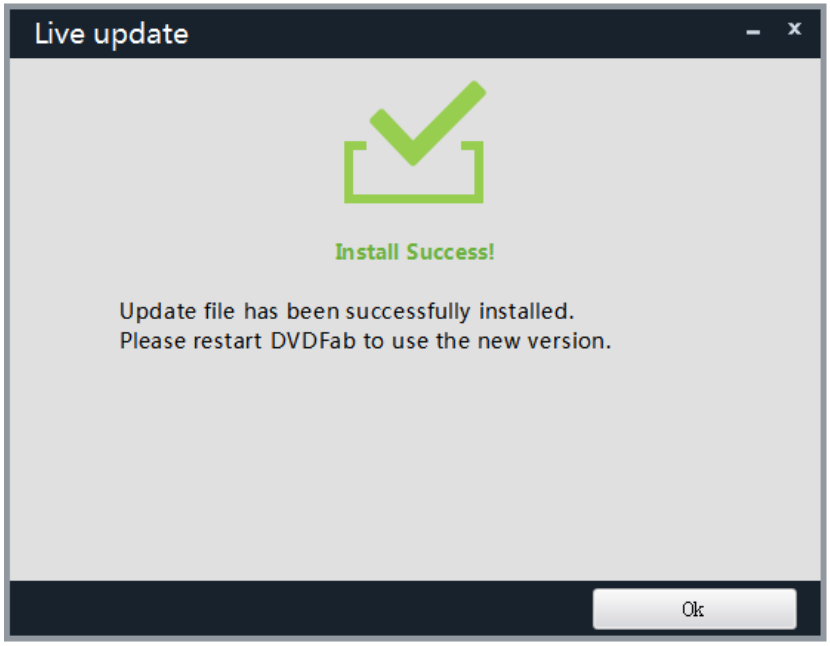
2.1.3 Finishing the downloading of update package, program will ask you to exit the current running DVDFab to perform the installation of update file, click “Yes” button;



2.1.4 After clicking the Yes button, the live update is initiated on site immediately;



2.1.5 In seconds, you will be prompted that the new version is installed successfully, this time, click OK to start up the new version.



2.2 Traditional Update

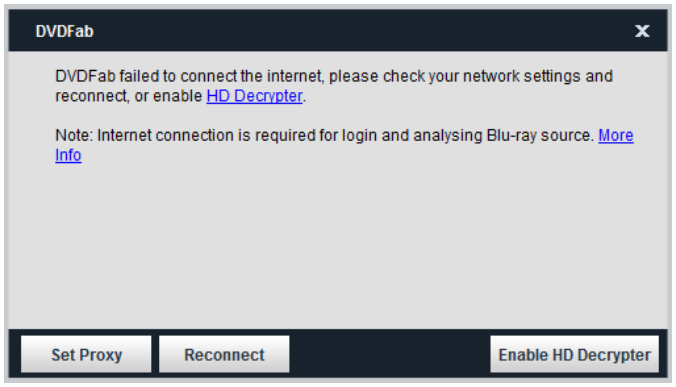
A traditional update asks users to visit DVDFab official website at http://www.dvdfab.cn/download.htm to download the setup file of a DVDFab 9 newer version, and then follow the setup wizard to perform the installation on your computer.

3. Start up DVDFab 9

After the installation process finishes, click DVDFab 9 desktop shortcut icon, a Flash Window pops up, signaling that DVDFab 9 is accessing the server information. Just wait a sec for its completion.

Other Info on the Flash Window: DVDFab logo, trademark, software version, release date, publisher, and publisher's website.

Important Note: Accessing server information requires a live internet. If your computer is not internet connected, this process shall fail, and thus give you an event note like below:


DVDFab
DVDFab failed to connect the internet, please check your network settings and reconnect, or enable HD Decrypter.
Note: Internet connection is required for login and analysing Blu-ray source. More Info
Set Proxy
Reconnect
Enable HD Decrypter

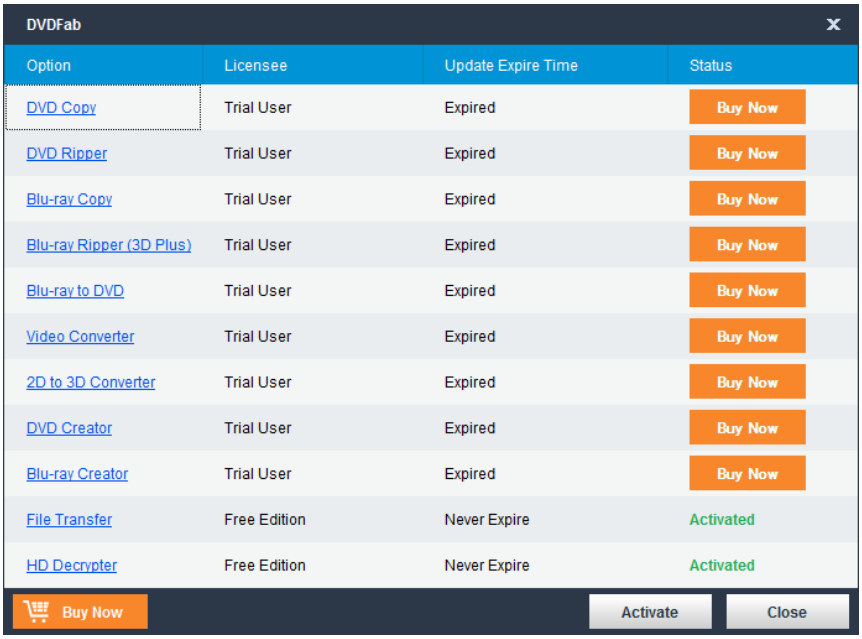
4. Register DVDFab 9

Different from the previous generation, DVDFab 9 employs the advanced online verification method for registration. By doing this way, you never need worry about losing your license code again! To remind you: registering DVDFab 9 requires live internet connection, so check your Firewall or anti-virus software settings to make sure they do not block DVDFab 9 from accessing the internet.

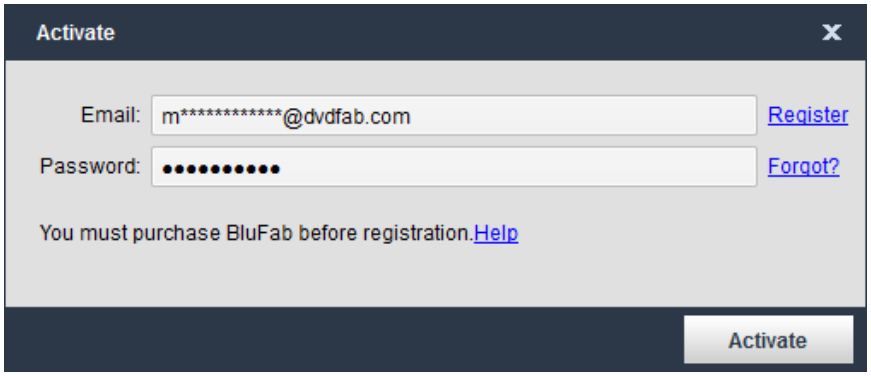
4.1 Register DVDFab 9 upon installation

4.1.1 Start DVDFab 9 after installing it on your computer;

4.1.2 Click "Activate" button on the up-coming window asking you to "Buy Now", " Activate" and "Try";

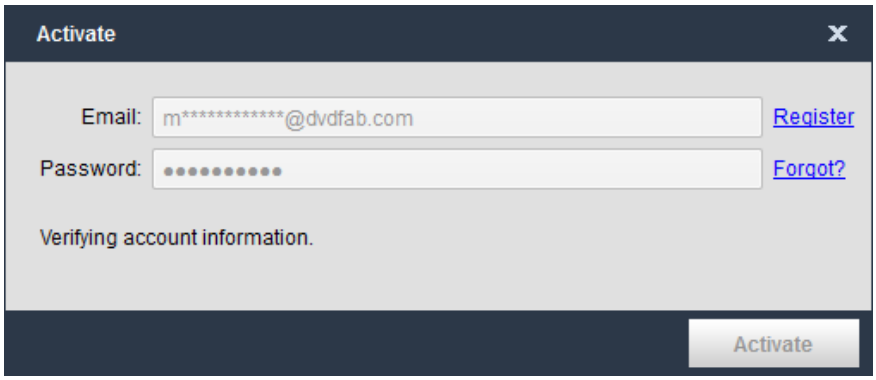


4.1.3 Put in your registered e-mail and password at DVDFab Member Center;



Note: if you are not a member, click here to create one.

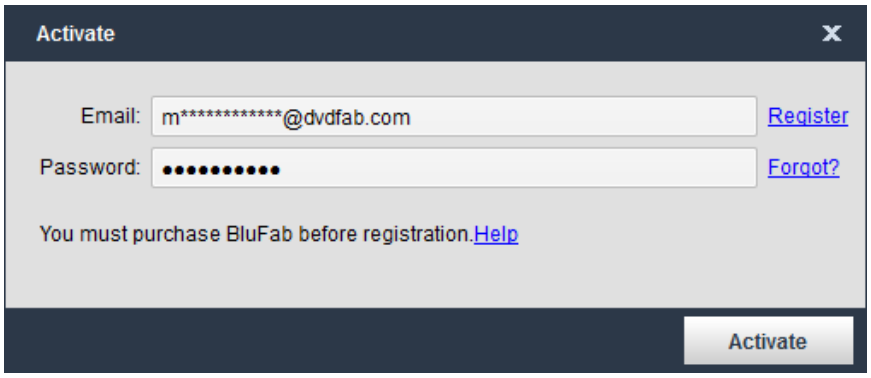
4.1.4 Click "Activate" button.



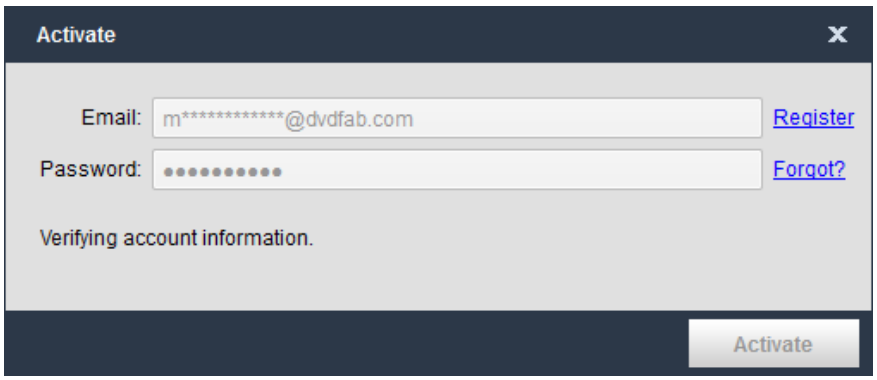
4.2 Register DVDFab 9 from trial version

4.2.1 Click the on the top right corner of the main interface;

4.2.2 Click “Activate” tab from the context menu, the third one from top to prompt the **Registration Window**;

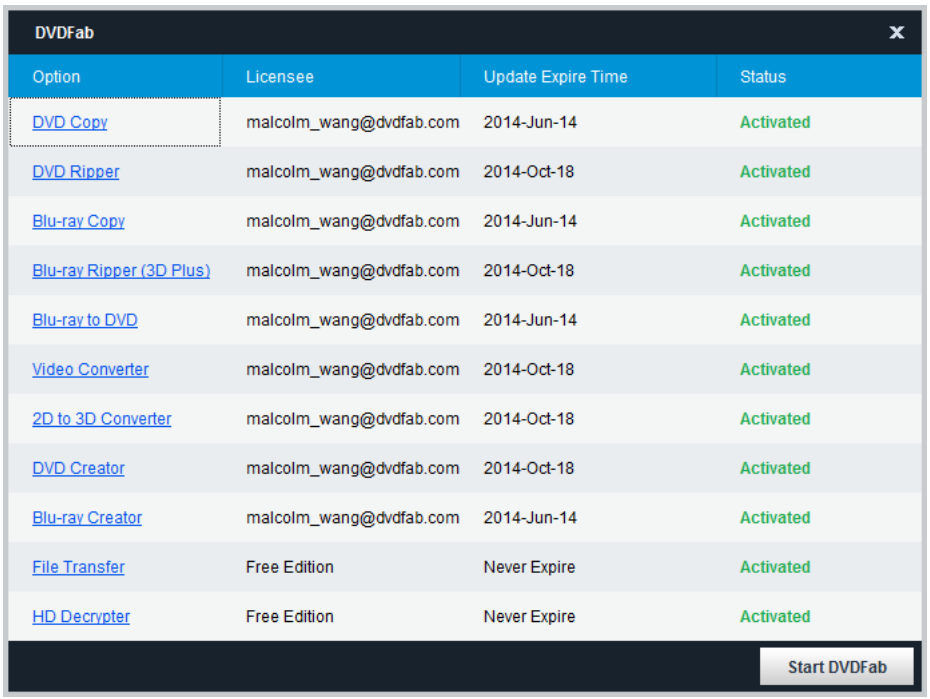


4.2.3 Put in your E-mail address used for the original purchasing, and your Password at DVDFab Member Center and then click “Activate”;



Note: if you are not a member, click here to create one.

4.2.4 Once it registered successfully, the License Info Window will come up, listing all the DVDFab options, and your license information.

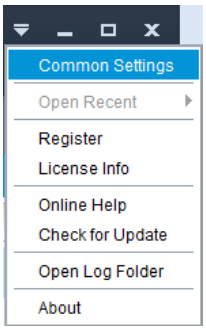

DVDFab
Option
Licensee
Update Expire Time
Status
DVD Copy malcolm_wang@dvdfab.com 2014-Jun-14 Activated
DVD Ripper malcolm_wang@dvdfab.com 2014-Oct-18 Activated
Blu-ray Copy malcolm_wang@dvdfab.com 2014-Jun-14 Activated
Blu-ray Ripper (3D Plus) malcolm_wang@dvdfab.com 2014-Oct-18 Activated
Blu-ray to DVD malcolm_wang@dvdfab.com 2014-Jun-14 Activated
Video Converter malcolm_wang@dvdfab.com 2014-Oct-18 Activated
2D to 3D Converter malcolm_wang@dvdfab.com 2014-Oct-18 Activated
DVD Creator malcolm_wang@dvdfab.com 2014-Oct-18 Activated
Blu-ray Creator malcolm_wang@dvdfab.com 2014-Jun-14 Activated
File Transfer Free Edition Never Expire Activated
HD Decrypter Free Edition Never Expire Activated
Start DVDFab

5. Main Interface

Click to call up DVDFab Main Interface. See below:

5.1 Help Button

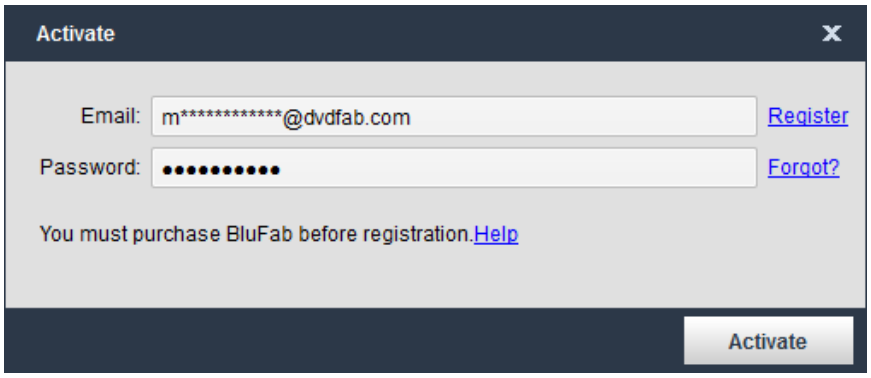
The Help Button sits at the top right corner of the Main Interface. From its context menu, you can see the following tabs:



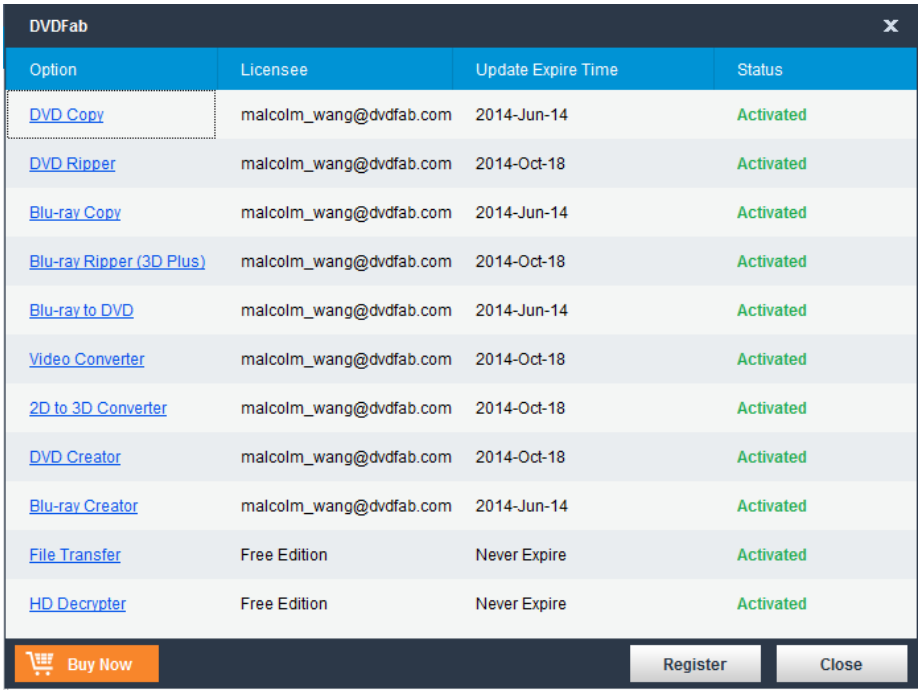
5.1.1 Common Settings: this tab leads to the Common Settings panel, which we will cover a lot in the later chapters.

5.1.2 Open Recent: this can add a source quickly from your recent added list;

5.1.3 Activate: this leads you to the registration window.

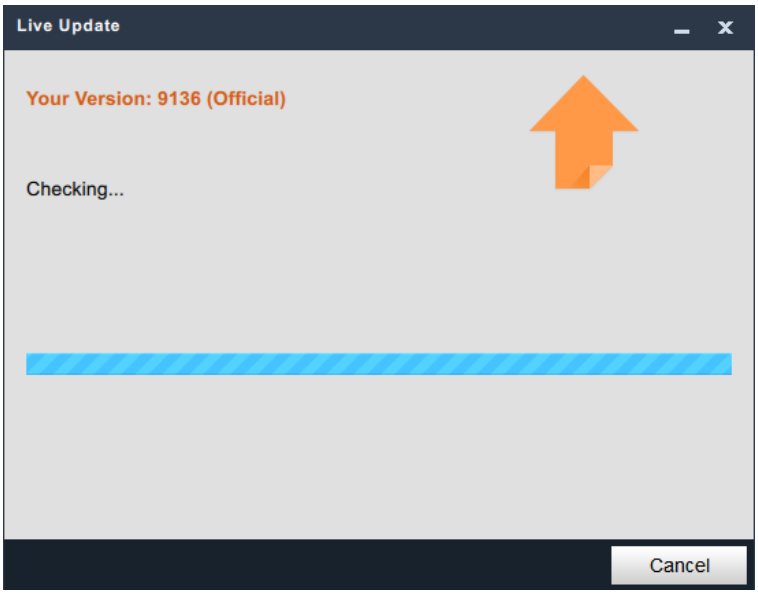


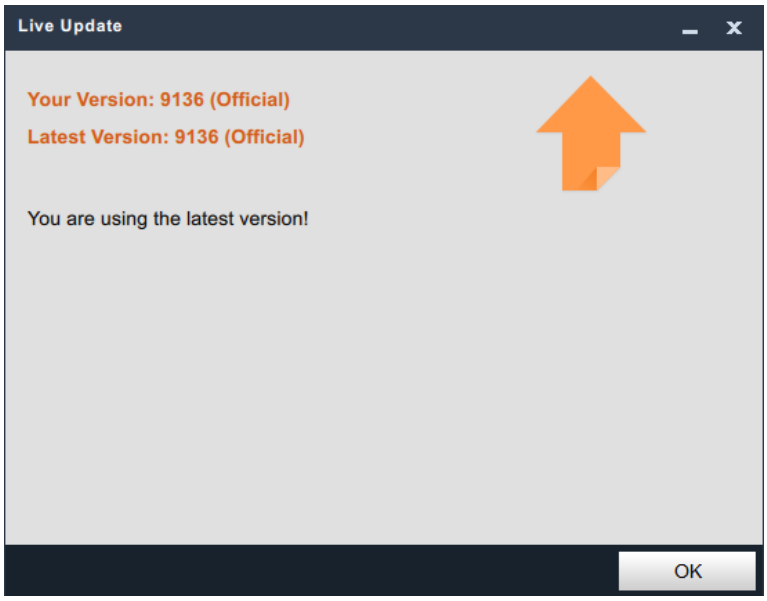
5.1.4 License Info: this window shows current status of all your paid DVDFab products.



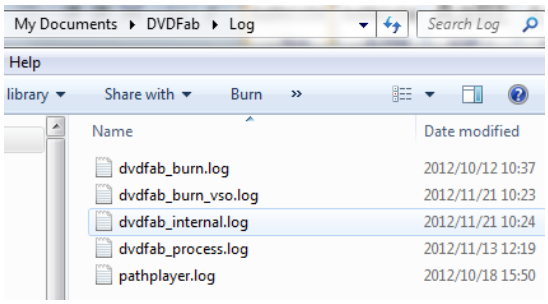
5.1.5 Online Help: this takes you to DVDFab online tutorial page.

5.1.6 Check for Update: click this to see if there is a new update available. Note that this requires a live internet.



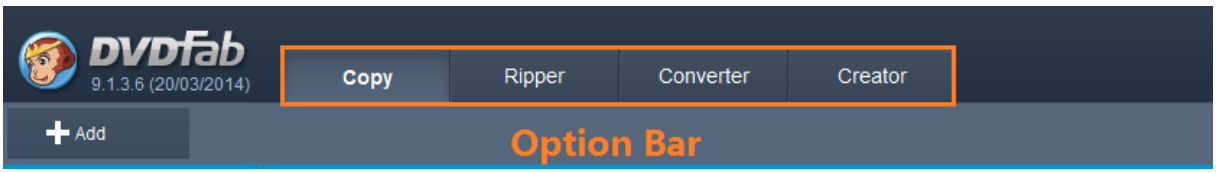


5.1.7 Open Log Folder: click this to open the log directory where all the log files are located.



5.1.8 About: this window shows software version, publisher, publisher's portal site, and etc.

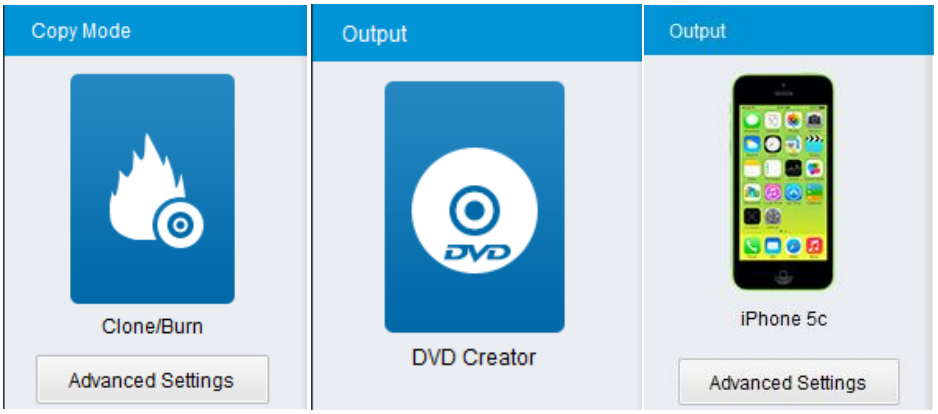
5.2 Option Bar

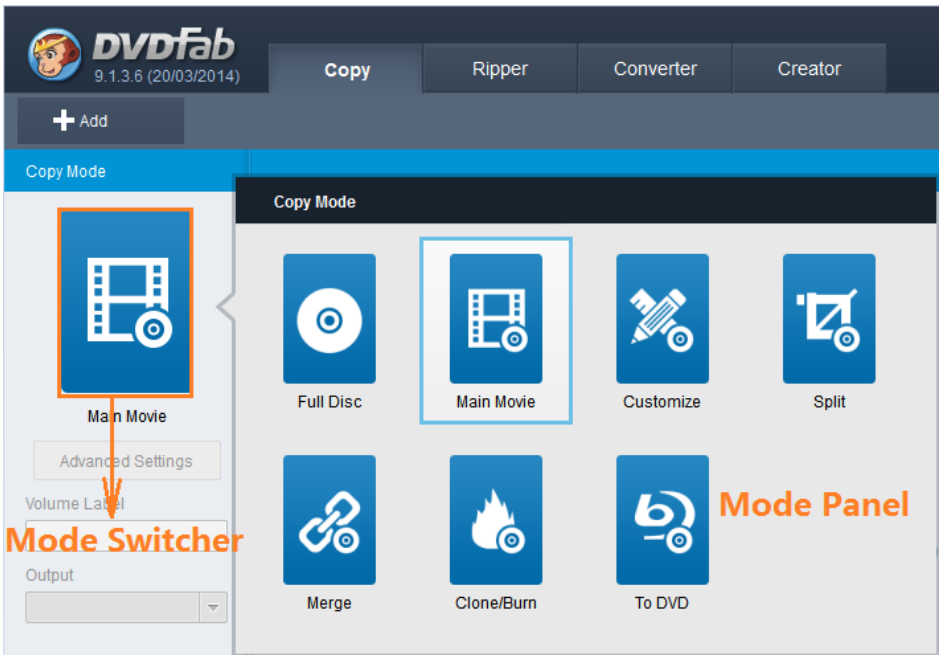


Namely, Option Bar is to switch DVDFab Options among Copy, Ripper, Converter and Creator. Just click these four tab buttons to switch into different Main Interfaces of each option.

5.3 Mode Switcher

The name of this button varies, in Copy and Creator tools, it is called Mode Switcher, which leads to Mode Panel; while in Ripper and Converter tools, it is referred as Profile Switcher, directing to the internal Profile Library.

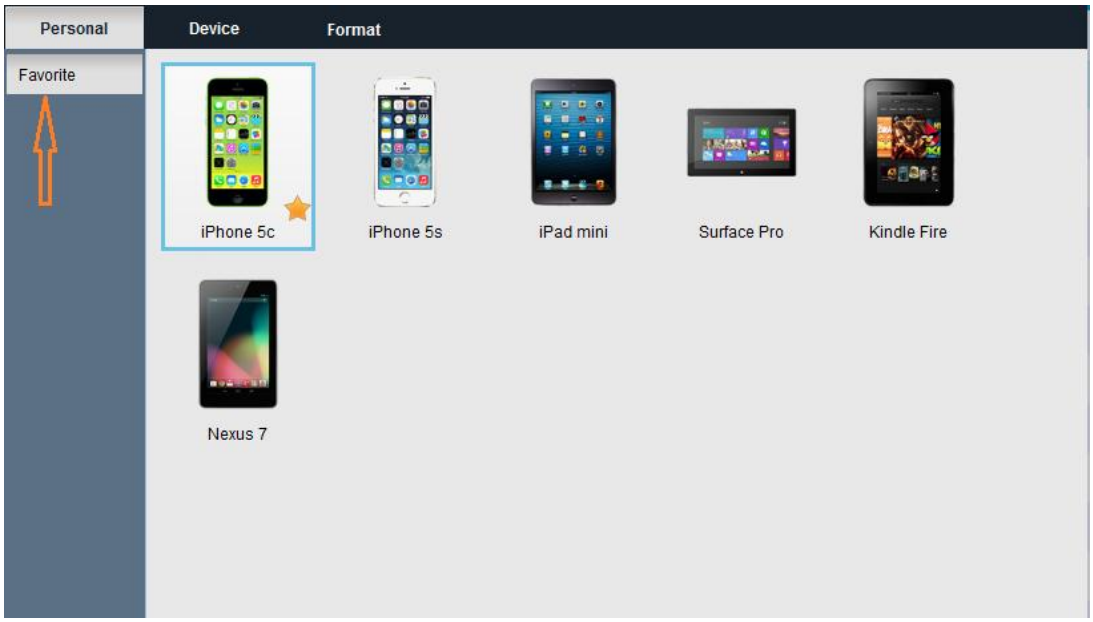




5.4 Profile Library

As shown above, when you click the Profile Switcher, system will direct you to the Profile Library. This Profile Library stores a ton of predesigned profiles targeting at a great variety of video formats and devices made by almost all the popular manufacturers worldwide. They are pretty well organized based on the producers who have made them, or video formats. You can easily find and select the one you need.

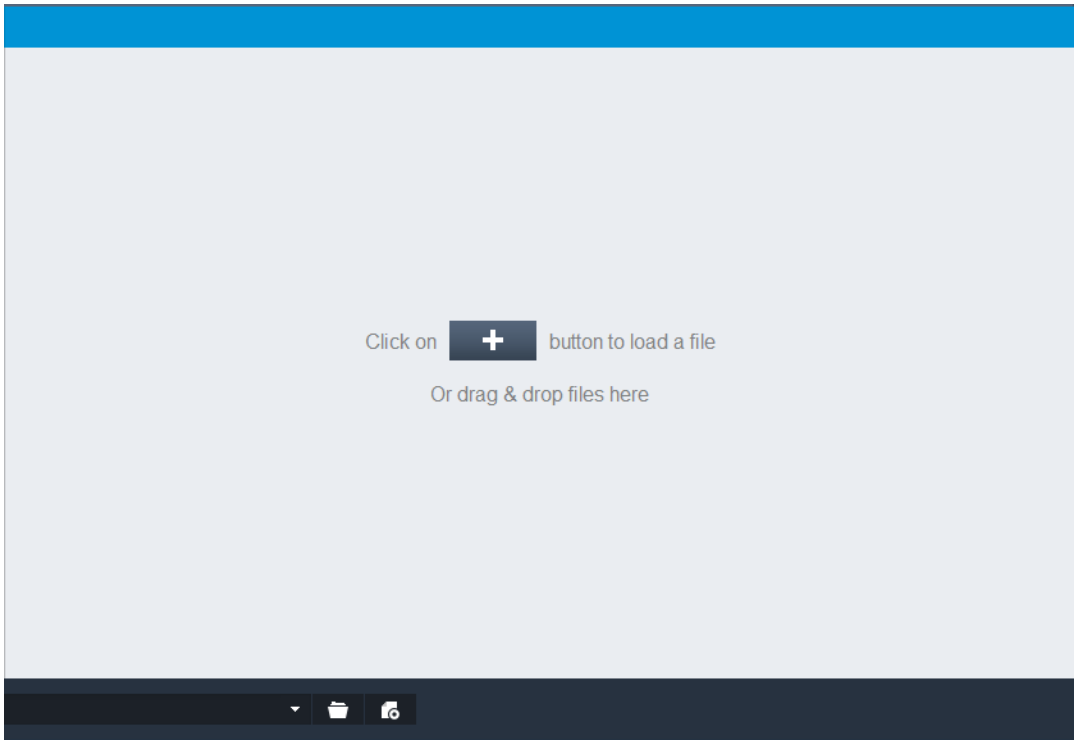
At the bottom right corner of each profile lays a blank five star, which you can mark it into orange, meaning this marked profile is the one you use most of the time, and you have added it into your favorite profile lists available at the “Personal” area. Next time you start a new task, you just need go to Personal area and select it. Of course, you can also unmark a profile away from your Personal area.



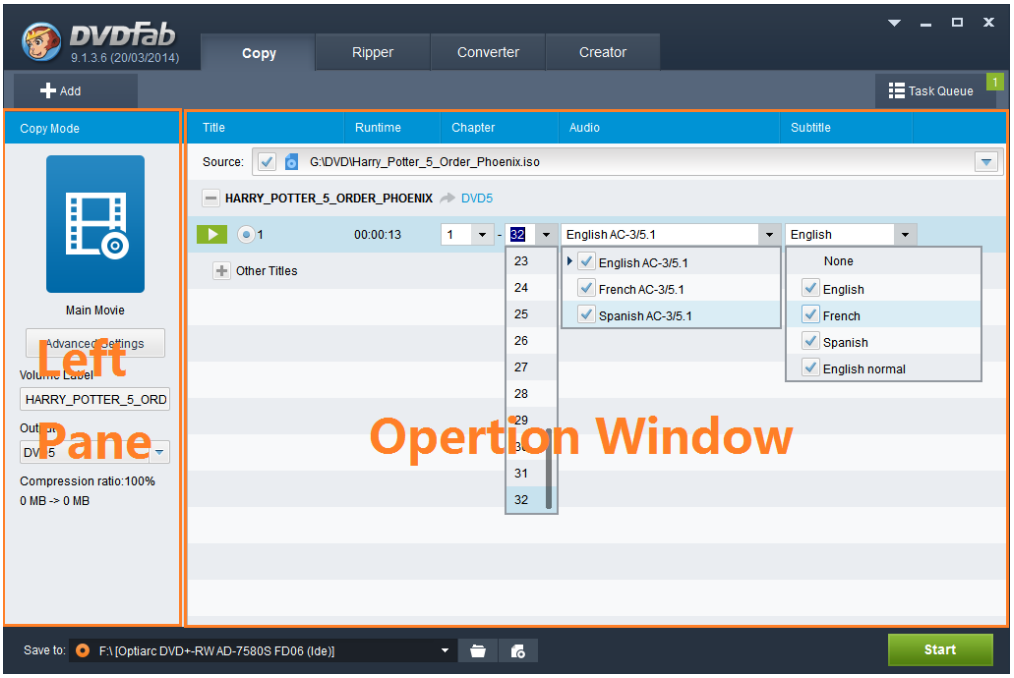
5.5 Add Button

There are two

buttons, one sitting at the top left corner of the main interface right under DVDFab Logo, the other housed at the central of the Operation Window.

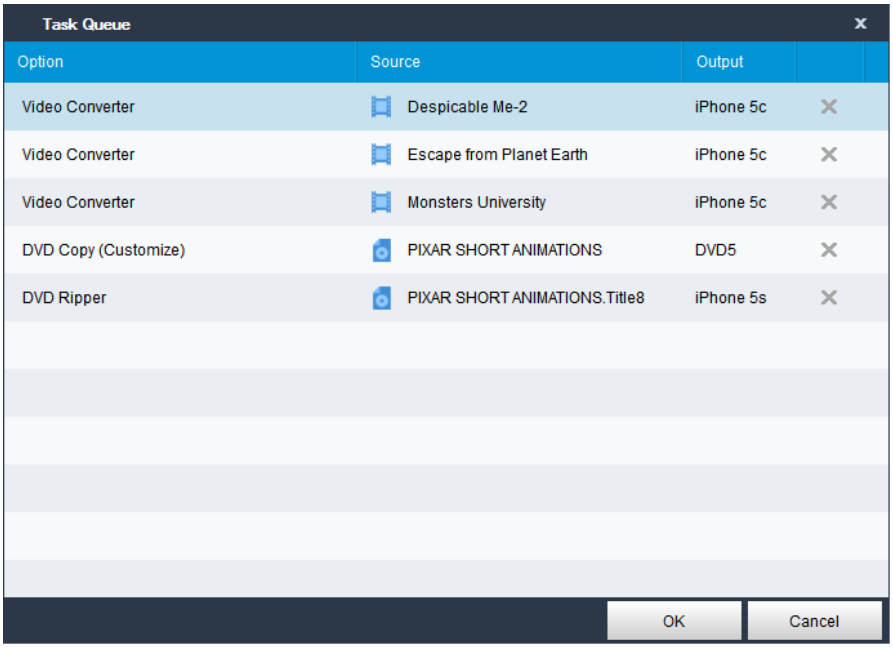


5.6 Operation Window



As shown, Operation Window occupies the most part of the main interface. The contents showed here maybe slightly different when you choose different Options and Modes. By its name, you can choose the title, or even the chapter range you want to copy, rip or convert; the audio track(s) and subtitle stream(s) you want to keep for the result. Changing the sequences of the titles can be much easier, just drag the title and drop it where you want it to be, or you can also re-sequencing them in the Task Queue, by the same manner.

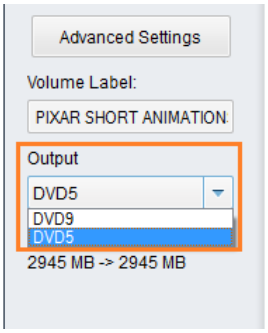
5.7 Task Queue



Task Queue sits at the top right corner of the main window, right under the help button. Depending on what you have set at Common Settings panel, Task Queue will list all the tasks you added, or just a part of them.

5.8 Output

Output: in Copy and Creator options, it means to select an output size when backing up DVDs and Blu-rays, or creating DVDs and Blu-rays, such as DVD 9, DVD 5, BD 50, BD 25, BD 9, BD5, etc; while in Ripper and Converter options, it means to select the profile, using the Profile Switcher.



5.9 Save to

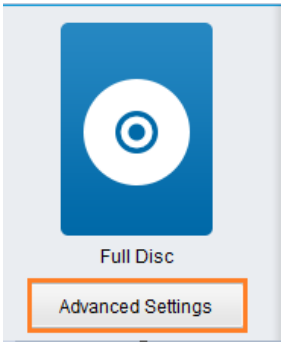
Save to: refers to the destination of the resulting backup. The default target in Copy and Creator options is your writer, be it a DVD writer labeled by orange disc or a Blu-ray writer by a blue disc:

F:\ [Optiarc DVD+-RW AD-7580S FD06 (Ide)]. You can click or to output DVD/Blu-ray movie folder or ISO image file respectively; in Ripper and Converter option, the default destination is a directory located on your computer C:\ drive, you can click to change a preferred location.

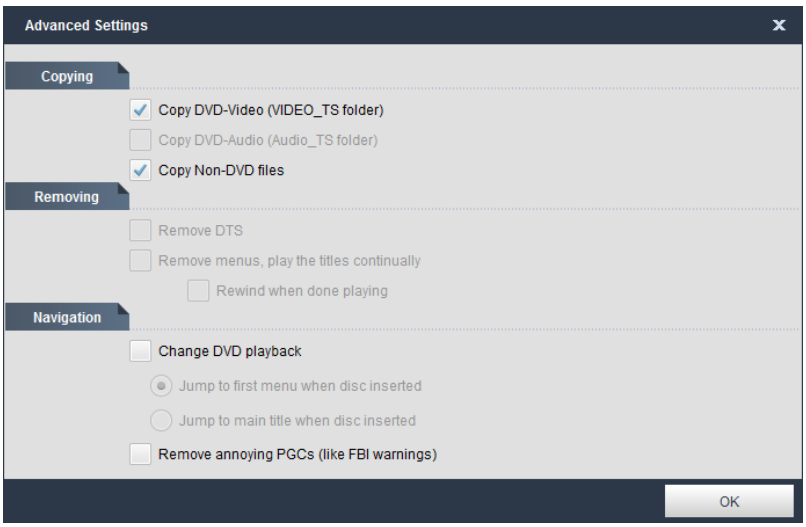
6. Advanced Settings

6.1 In Copy tools

The Advanced Settings button is right under the Mode Switcher and above the Volume Label, lying at the left pane of the Main Interface.



In Copy tools, including DVD Copy and Blu-ray Copy, it has the following settings as shown below:



Advanced Settings panel when the source is DVD

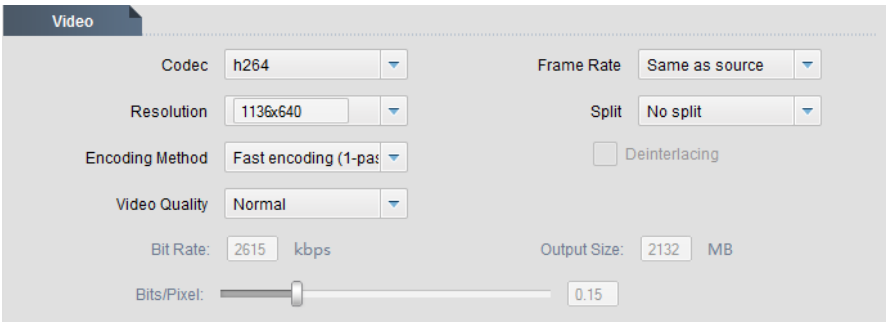
Advanced Settings
How to copy Blu-ray 3D
Copy as Blu-ray 3D
Copy as Blu-ray 2D
Convert to Blu-ray SBS 3D
Blu-ray Settings
Remove HD Audio
Create Protected Disc (BDMV-REC) to disable Cinavia on PS3 with firmware <= 4.0
More Info ...
Create miniso file to mount the folder in DVDFab Virtual Drive
More Info ...
OK

Advanced Settings panel when the source is Blu-ray (3D)

6.2 In Ripper and Converter tools

The Advanced Settings button is right under the Profile Switcher, lying at the left pane of the Main Interface. You can click “Advanced Settings” button to preset parameters, like Video, Audio, 3D or Subtitle related settings, if necessary.

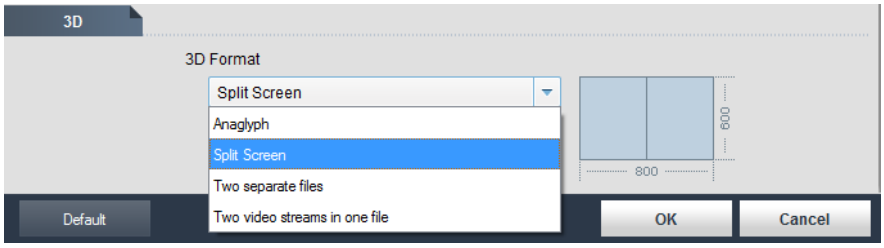
6.2.1 Video Settings：In this section, you can change video codec, encoding method, resolution, and frame rate; set video quality, bit rate, output size, and bits/pixel; choose deinterlacing or not; split by chapter or not.

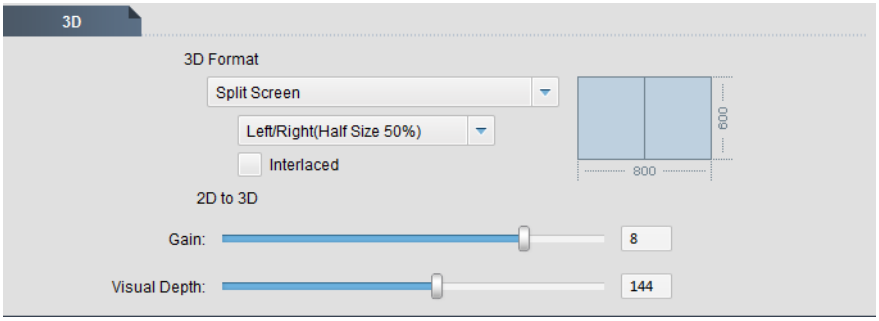


6.2.2 Audio Settings：Similar to video settings, at the Audio section, you can preset audio codec, sample rate, audio channel, bit rate and volume.

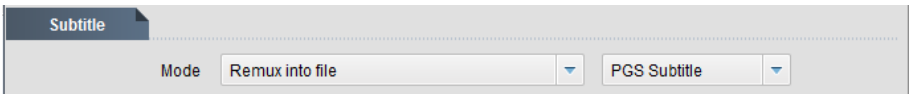
6.2.3 3D Settings：3D settings section will be activated only if you choose a 3D profile from the profile

library. In this section, you can: choose 3D format from Anaglyph, Split Screen, Two separate files and Two video streams in one file; set values for Gain and Visual Depth.

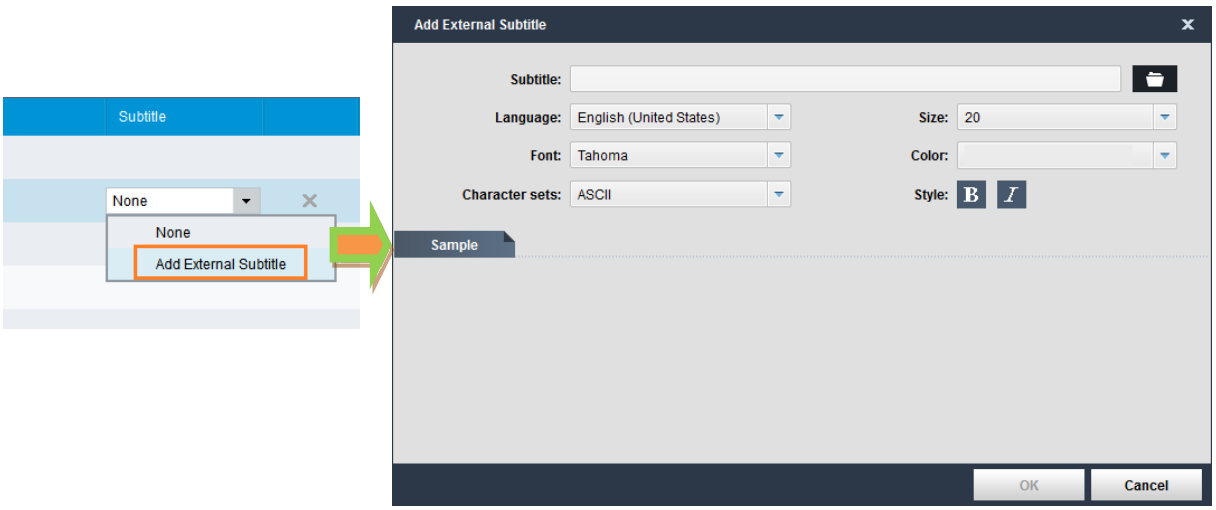




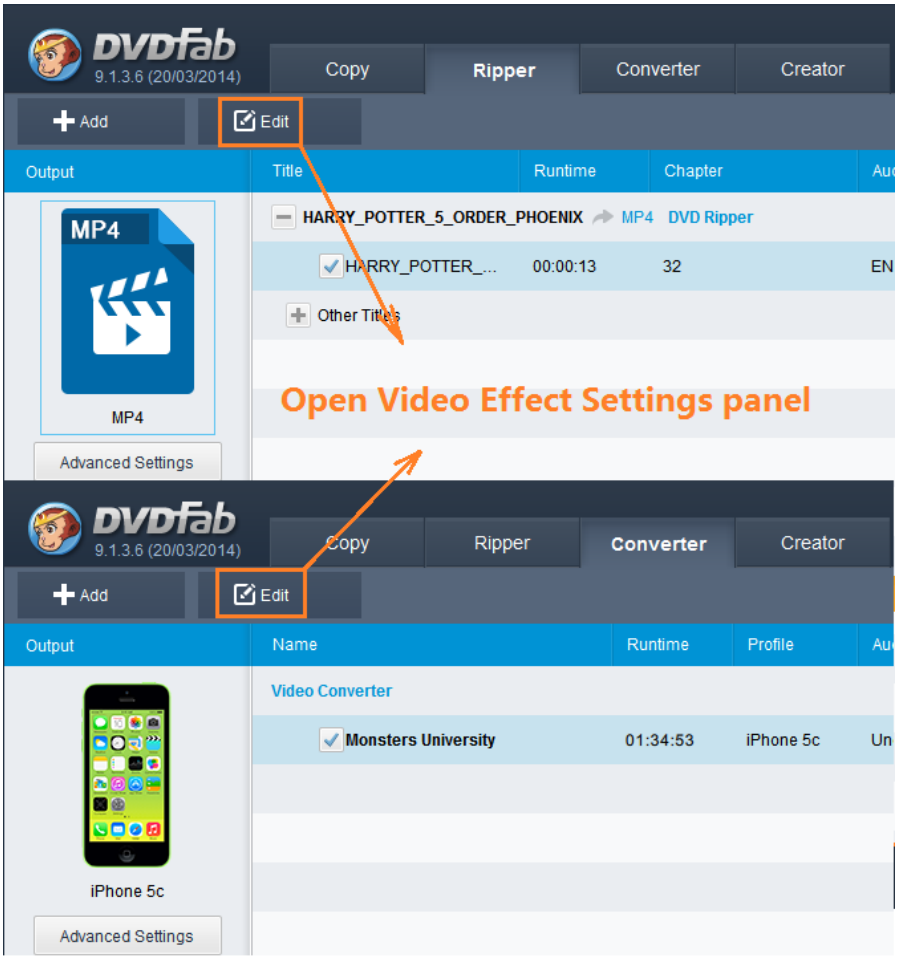
6.2.4 Subtitle Settings：this section lets you decide how to deal with the subtitles during the ripping or converting process. Choices vary from one case to another: extract to idx/sub file, direct render to video, remux into file, VobSub subtitle, or PGS subtitle, depending on how many subtitle streams you want to keep, what profile you choose and, what device you are going to view the resulting video on.



If, during the ripping, you want to add your own subtitle, you can click the Subtitle section of the title you are going to add external title into, and then you will see a popup widow like below:



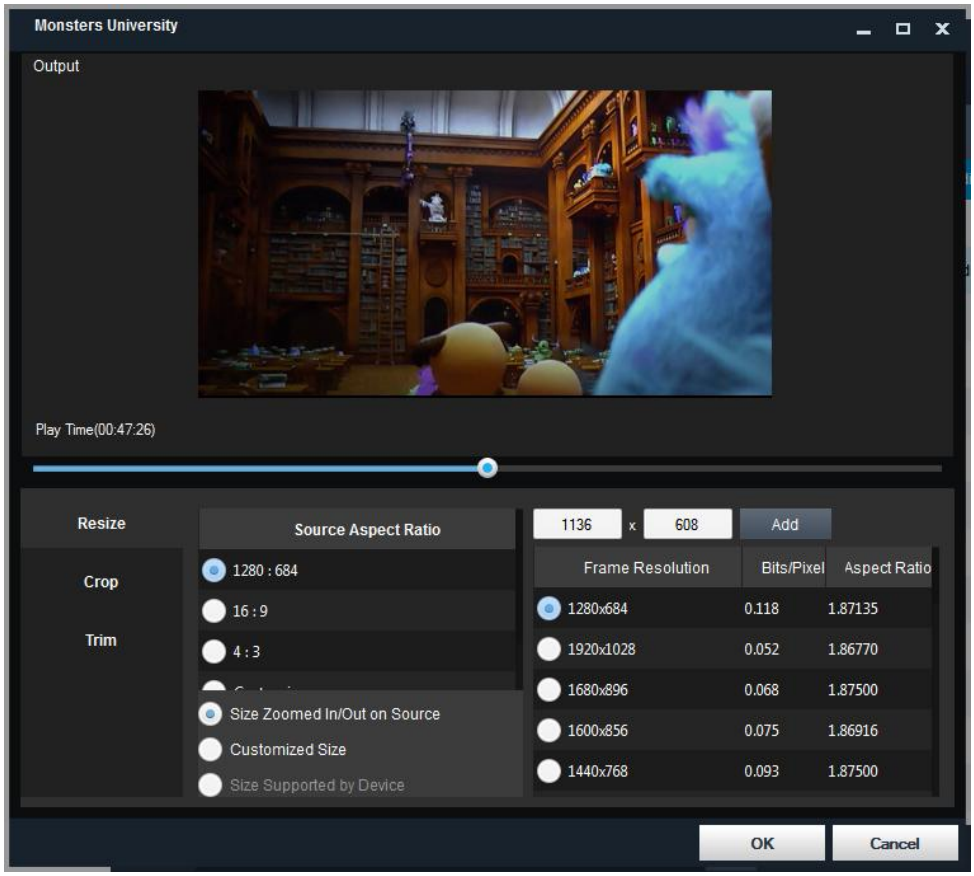
7. Video Effect Settings



Sitting right under the Option Bar in Ripper and Converter tools Main Interface respectively, these two "Edit" buttons lead you to the Video Effect Setting windows.

This panel is subdivided into three parts, a Resize panel, Crop panel and a Trim panel, where you can do different things.

7.1 Resize Panel



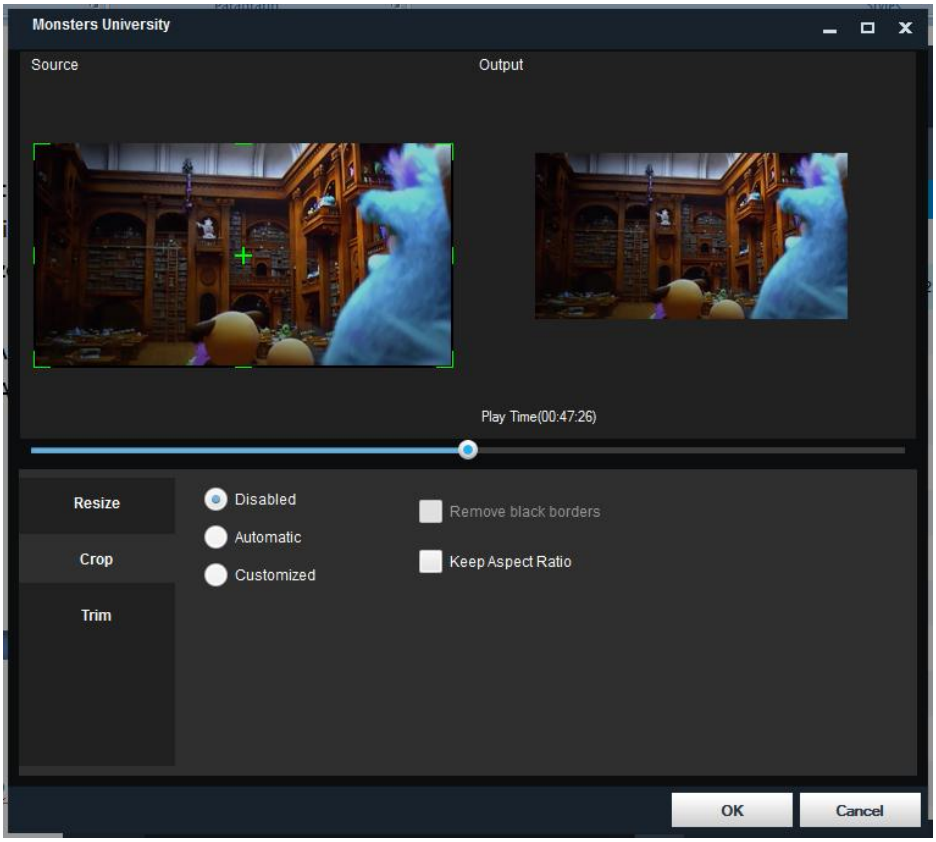
Source Aspect Ratio: Specify the aspect ratio of source title (16:9 or 4:3) or customize it using the customize radio button.

Size Zoomed in/Out on Source: The available options for current source title are listed here for users to choose from.

Customize Size: Customize frame Resolution and related Bits/Pixel, Aspect Ratio yourself if the above mentioned list does not fit your request.

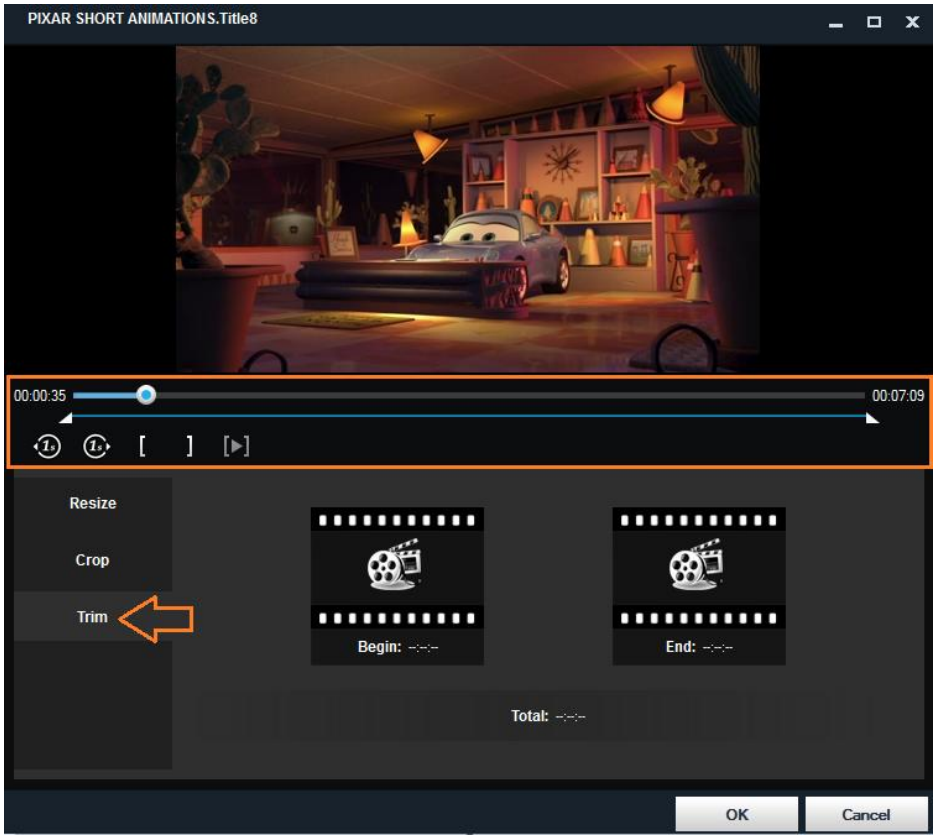
Size supported by Device: like the description tells, the screen size is controlled by the device screen size.

7.2 Crop Panel



Disabled: Crop function prohibited.
Automatic: Black bar on many widescreen movies is cut off automatically.
Customized: Type in the real value at the given four boxes to specify how to deal with the displaying area or crop it at the Source displaying part manually.
Source: A screenshot of original title.
Output: A visual and direct mirror to the cropping effect.

7.3 Trim Panel

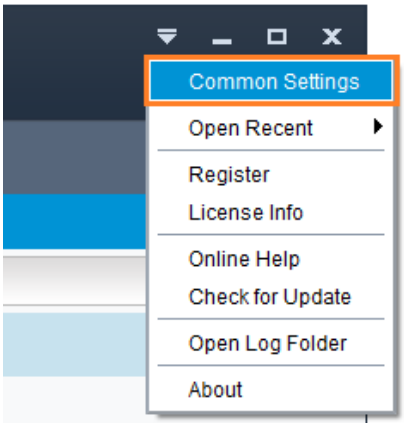


As its name indicates, Trim feature lets users select and cut just a short duration of a DVD, Blu-ray movie, not based on chapters but on second, and other videos to convert for their portable devices. By doing so, they will be able to take the converted video clips (their favorite parts of movies) to watch anywhere time permitted.

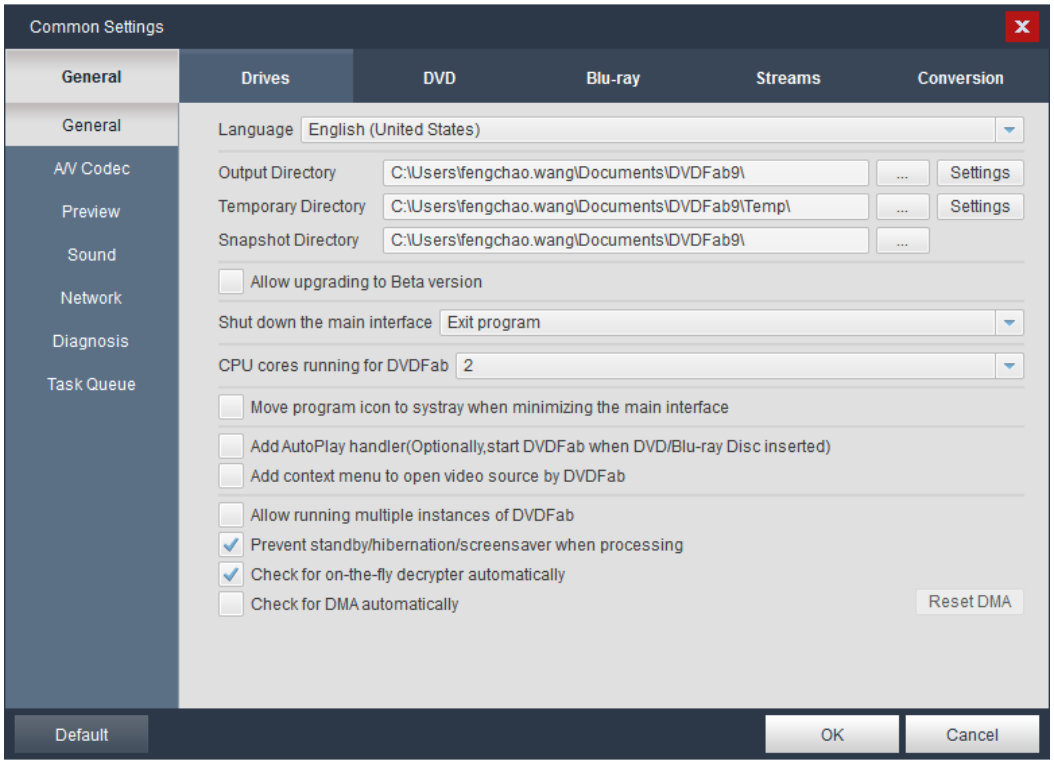
Drag the sliding button , or click the Forward and Backward buttons to position your video clip, and then click [and] buttons to set the start and end points respectively. After doing this, you can click the Preview button [▶] to preview the selected video clip.

If the preview is okay, then click the OK button on this window to return to previous step.

8. Common Settings



To open Common Settings window, you need click the **Help Button** available at the top right corner of **Main Interface**.



8.1 General

A lot of basic settings can be preset here.

8.1.1 General

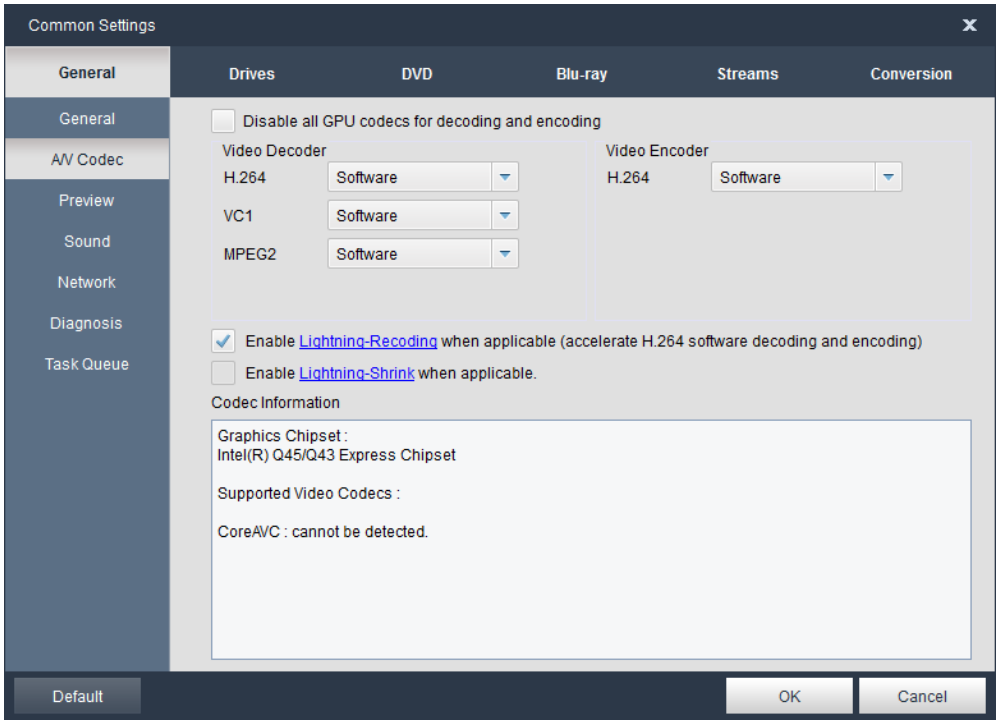
Language: choose your mother tongue to display DVDFab interface;
Output Directory: the place for saving the resulting files, log files, temp files that DVDFab create;
Temporary Directory: the place where DVDFab saves the temp files during each task;
Snapshot Directory: the place where DVDFab saves the screen shots;
Allow update to Beta version: this feature will make Beta versions available to you;
Shut down the main interface: upon this action, you can let the program minimize to system tray or exit itself;
CPU cores running for DVDFab: you can configure 1 or 2 CPU cores to run for DVDFab;
Move program icon to systray when minimizing main interface: when main interface is minimized, program icon shall be moved to system notification area.
Add Auto-play handler: enable this feature, DVDFab will auto start itself and access the disc whenever you insert a disc in your disc tray;
Add context menu to open video source by DVDFab: this option will make DVDFab appear in the context menu when you right click on the video file on your local disk;
Allow running multiple instances of DVDFab: Literally, this means by enabling this option, more than one threads of DVDFab can be run simultaneously;
Prevent standby/hibernation/screen saver when processing: this means when you are in the midst of a task, system will prevent itself from switching into power saving and sleep mode, as the same time, screen saver cease to work, too.

Check for on-the-fly decrypter automatically: DVDFab will auto-detect the other decrypting software's possibly running on background and will alert users to close them for more reliable performances of DVDFab.

Check for DMA automatically: When this option is active, DVDFab will auto-check if your system is in DMA mode, if not, which means PIO transfer mode is enabled, there will be a pop-up window with a button allowing you to assert DMA mode for optical drives and hard discs.

'Reset DMA' button right behind allows users to check DMA status at other times instead of upon startup, e.g. system will probably switch to PIO mode especially after dealing with a dirty or scratched disc, which can be noticed by the obvious slowdown in reading/writing speed. At this point, you can click this button and then reboot your PC to make sure DMA mode is enabled.

8.1.2 A/V Codec



Settings on this page refer to the applied video decoder and encoder per different sources (H.264/VC1/MPEG2).

Video Decoder: Currently, there are Software, CUDA, DXVA, AMD APP, Intel Quick Sync and Core AVC available for H.264 source; Software, CUDA, DXVA, AMD APP, and Intel Quick Sync available for VC1 and MPEG2 source.

Video Encoder: A program which uses pre-defined algorithms to encode, or compress audio or video data for storage or transmission use. Currently, Software, CUDA and Intel Quick Sync are available on H.264 source.

Note: If your computer is powerful enough, you can disable all the GPU codec's to pursue a most dependable processing.

Lightning-Recoding: The homebrew technology by DVDFab applied in Blu-ray Copy Full Disc and Main Movie modes to considerably enhance the converting speed when it comes to compress H264 video.

Note: GPU acceleration and Lightning-Recoding are not expected to be applied simultaneously.

Lightning-Shrink: DVDFab Lightning-Shrink takes the advantages of nVIDIA's CUDA hardware acceleration or Intel Quick Sync, to significantly cut down the time you spend on ripping or converting Blu-ray movies, shockingly to within an hour.

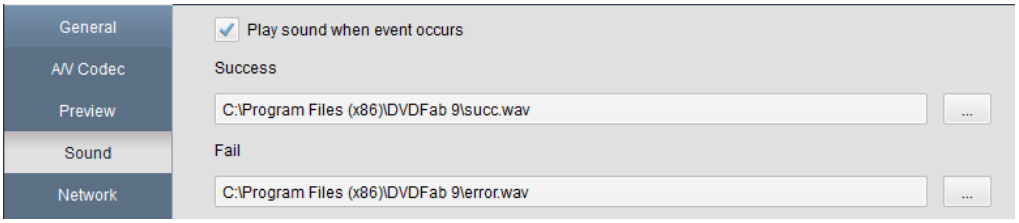
Codec Information: This information shows the capability of your Graphic Chipset and supported video codec's of your system.

8.1.3 Preview

Built-in DVDFab video player to preview the title(s) before copying/converting process starts to avoid setup error(s).

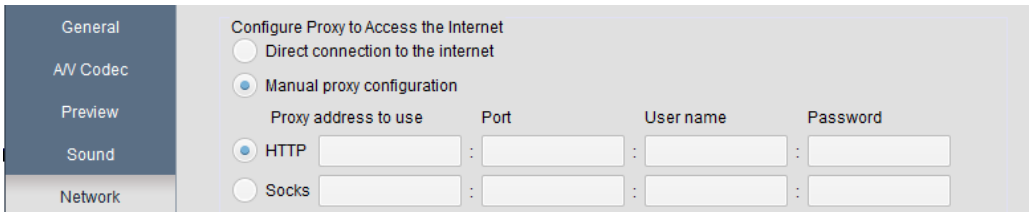
8.1.4 Sound

Choose your ideal sound for alerting when event, success or failure of a task, happens.



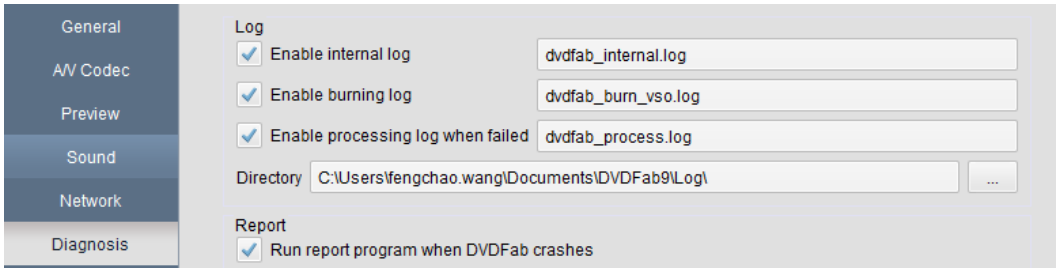
8.1.5 Network

Confirm how DVDFab is connected to a live internet: Directly connect to internet or use your own proxy settings.



8.1.6 Diagnosis

Log: These files store all the critical information that DVDFab Service Team or developers might need for troubleshooting, please keep them stored and submitted upon request whenever there is a problem confronted.



dvdfab_internal.log: Apply to all problems. Time stamped, most recent at the bottom. Please edit to include only the most recent or relevant log session.

dvdfab_burn.log: Apply to all problems. The entries are time stamped with the most recent at the top.

dvdfab_process.log: Apply to cases when DVDFab crashes but the crash report window does not come up correctly or if internal error codes appear in the DVDFab window ("Task Failed…"). Time stamped, most recent at the bottom.

Other Information log files may include: If a certain issue happens with all discs or just one; Your operating system/CPU/memory configuration; If you are using external hard drives or optical drives; If you have made any recent changes to your OS or system hardware; If you have other DVD or BD software installed, particularly if recently added.

Directory: The directory/path on your local HDD where the above mentioned log files is stored. Click the button behind to move to other location on your HDD where you like to store them.

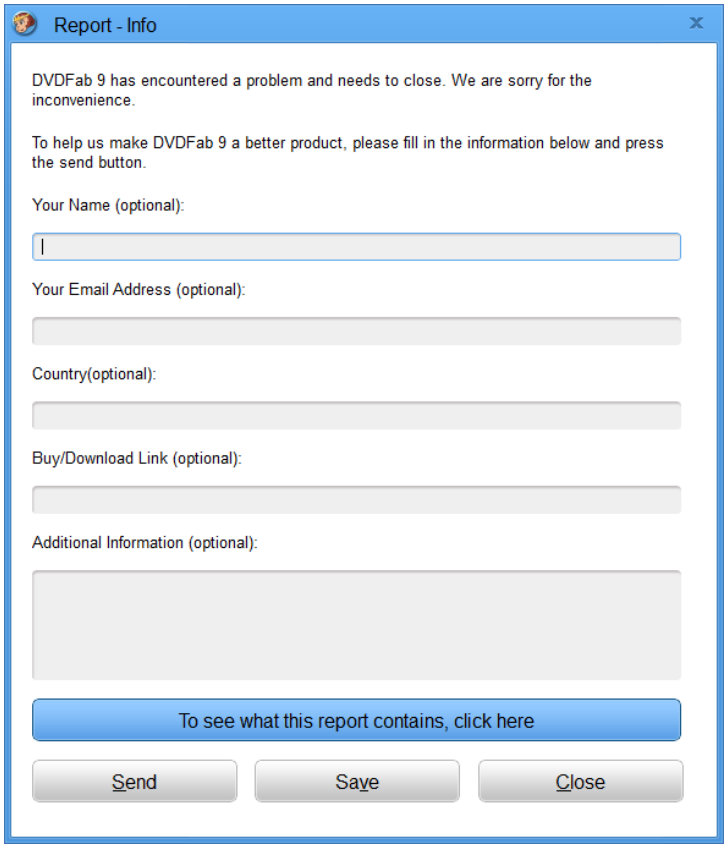
Default location for DVDFab Log files:

Win 7--C:\Users\User Name\My Documents\DVDFab\Log

Vista -- C:\Users\User Name\Documents\DVDFab\Log

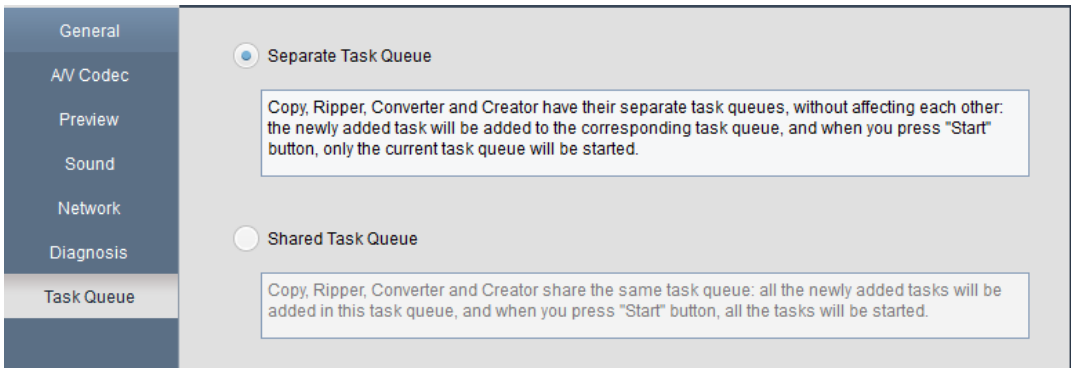
XP -- C:\Documents and Settings\User Name\My Documents\DVDFab\Log

Report: If activated, DVDFab is supposed to pop up a report window when it crashes as below.


Report - Info
DVDFab 9 has encountered a problem and needs to close. We are sorry for the inconvenience.
To help us make DVDFab 9 a better product, please fill in the information below and press the send button.
Your Name (optional):
Your Email Address (optional):
Country(optional):
Buy/Download Link (optional):
Additional Information (optional):
To see what this report contains, click here
Send
Save
Close

8.1.7 Task Queue

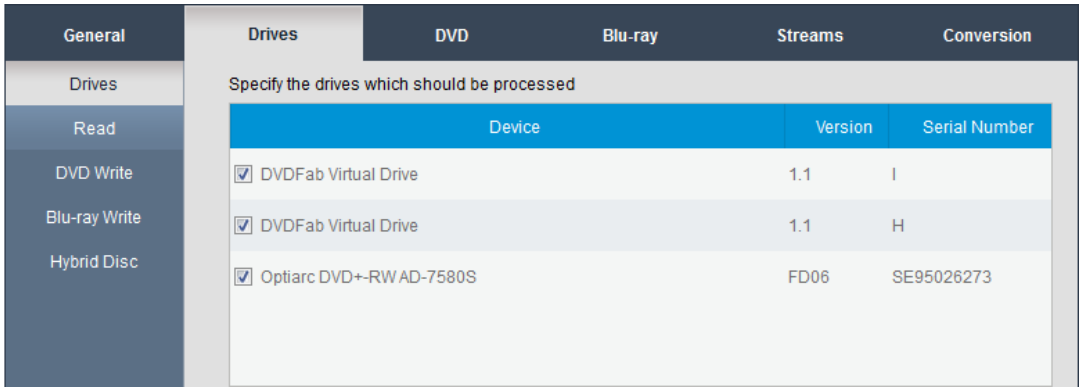
Define how you would like your task queue works.


General
A/V Codec
Preview
Sound
Network
Diagnosis
Task Queue
Separate Task Queue
Copy, Ripper, Converter and Creator have their separate task queues, without affecting each other: the newly added task will be added to the corresponding task queue, and when you press "Start" button, only the current task queue will be started.
Shared Task Queue
Copy, Ripper, Converter and Creator share the same task queue: all the newly added tasks will be added in this task queue, and when you press "Start" button, all the tasks will be started.

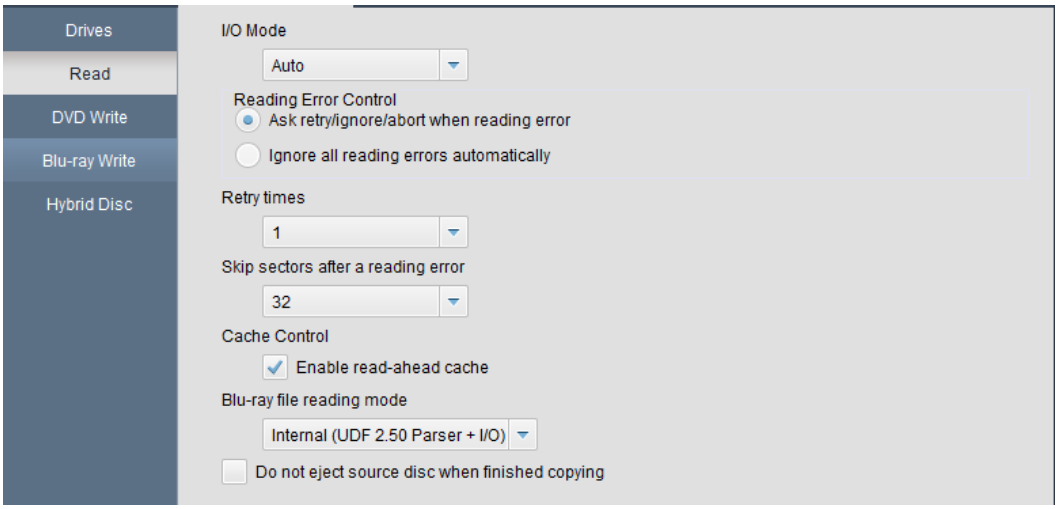
8.2 Drives

8.2.1 Drives

Specify the drives which should be processed.



8.2.2 Read

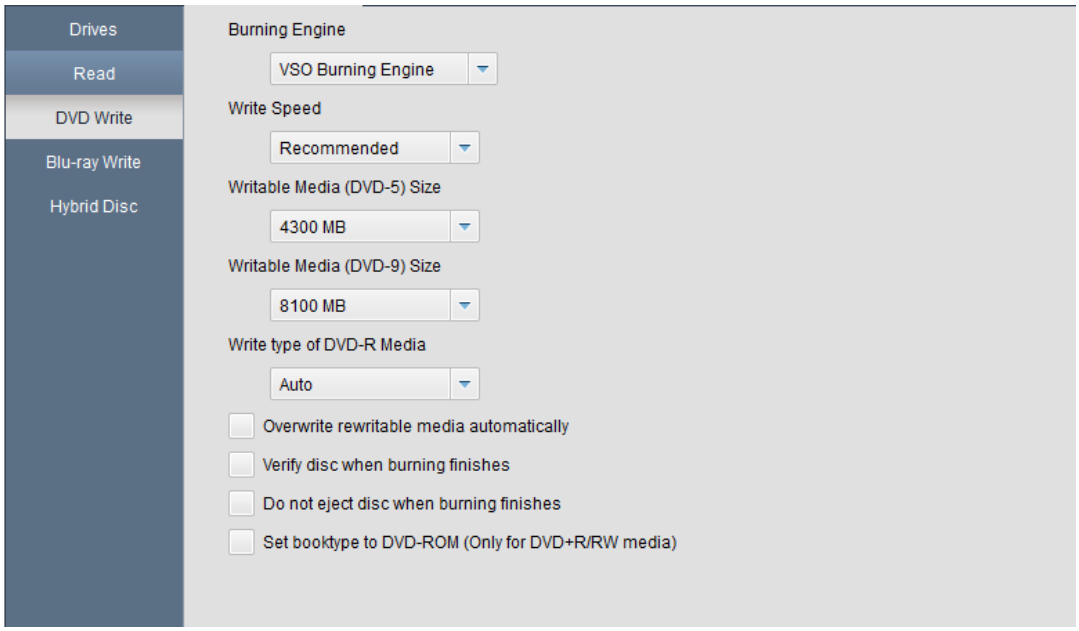


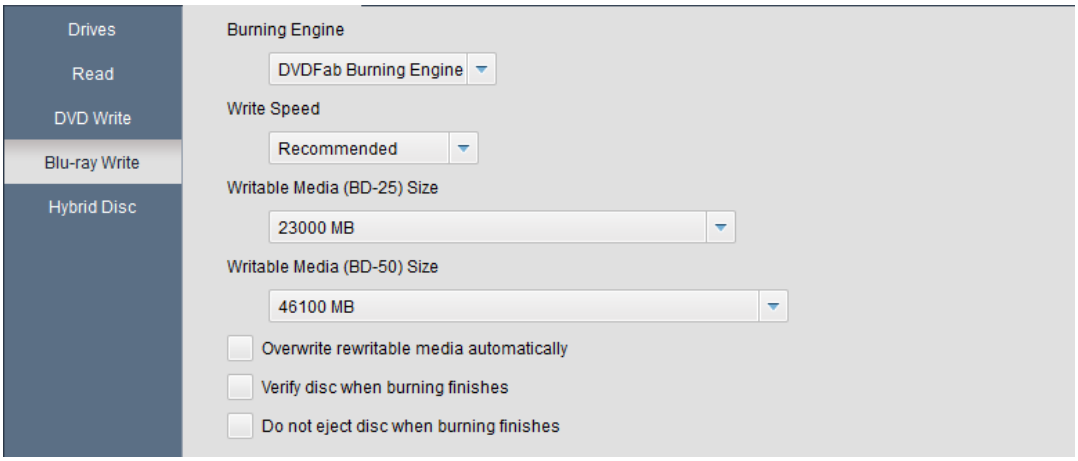
I/O Mode: DVDFab I/O is the only option for now.

Reading Error Control

Ask retry/ignore/abort when reading error: Enable this option, system will pop up a window asking you how to deal with the reading error encountered.
Ignore reading errors automatically: Choose this option, system will ignore the encountered reading errors without the pop-up window mentioned above.
Blu-ray - File Reading Mode: To save the inconvenience of invite a third party driver, an internal UDF 2.50 parser is introduced by DVDFab Blu-ray Copy to read Blu-ray discs.
Do not eject source disc when finished copying: By default, system will eject the original disc when copying phase completes, disable it if you don't want this happen.

8.2.3 DVD/Blu-ray Write





Choose Burning Engine: Currently, there are DVDFab Burning Engine, VSO Burning Engine, Nero Burn ROM and Imgburn available.

Write Speed: Choose reasonable burning speed per your writer and blank media's capability. Keep in mind: slower in speed, the better in quality.

DVD/Blu-ray Writable Media Size: 4300 MB for DVD-5 and 8100 MB for DVD-9 are recommended. The recommended size for BD-25 is 23000 MB, 43000 MB for BD-50 size. Users also can customize the size by the drop down selector. Bear in mind: Burning too close to the disc edge might increase the potential of playback issue.

Overwrite rewritable media automatically: Check this option to allow system overwrites the rewritable media automatically.

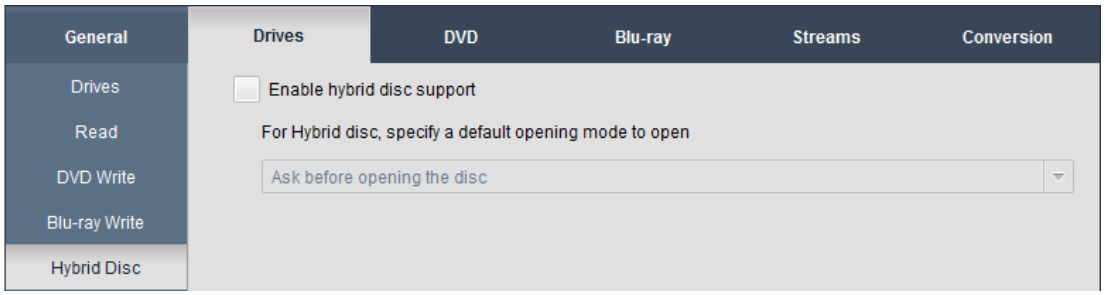
Do not eject disc when burning finishes: Check it or leave it alone per your taste.

Verify disc after burning finishes: This additional feature serves as a checksum whether or not the disc is burnt properly.

Set booktype to DVD-ROM (only for DVD+R/RW media):

Some standalone players are friendlier with DVD-ROM booktype, click this option to make the resulting disc more compatible. Note that not all drives support this feature.

8.2.4 Hybrid disc



Theoretically, a Hybrid disc could refer to:

1). A disc that contains both DVD-Video and DVD-Audio content or SACD content. (More accurately called a universal or AV DVD. The DVD-Audio standard allows this. The SACD standard does not officially allow video, so it's unclear what a given SACD player will do with a hybrid SACD+DVD-Video disc.) Other variations of this hybrid would be a disc with both DVD-Audio and SACD content, or a disc with all three formats.

2). A disc with two layers, one that can be read in DVD players and one that can be read in CD players. (More accurately called a legacy or CD-compatible disc.)

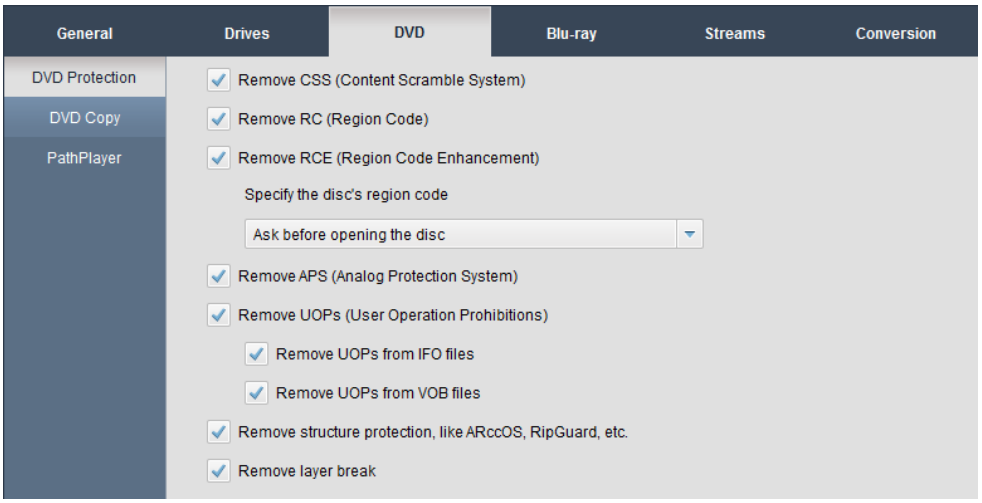
3). A disc containing one BD layer as well as two DVD layers, with a total capacity of 33.5 GB (25 GB + 8.5 GB). The disc follows the "Blu-ray Disc, Hybrid Format" specifications provided by the Blu-ray Disc Association. The disc has a blue laser along with two layers like ordinary DVD laser. The Blu-ray and DVD layers are separated by a semi-reflective film that reflects blue light while it allows the red light to pass through the DVD layer underneath.

Note: Only certain kind of drive can read both layers of a hybrid disc, and to play the hybrid disc requires a certain player.

DVDFab offers a solution by enabling the preset as far as hybrid disc is involved: which layer is meant to be automatically recognized by DVDFab upon inserting the disc, CD, DVD, HD-DVD or Blu-ray?

8.3 DVD

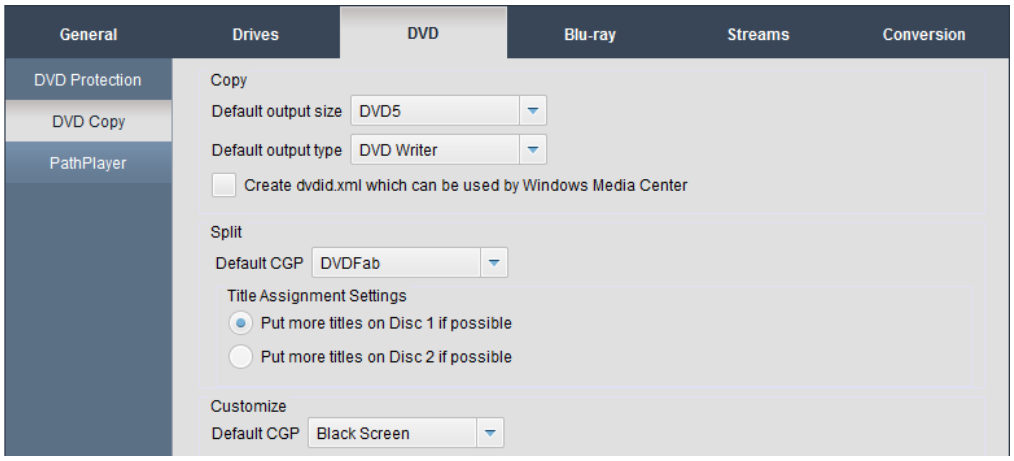
8.3.1 DVD Protection



Remove RC, RCE, APS, UOPs, structure protection:
In order to copy the DVD disc, all these different copy protection systems are to be removed.
Sidenote on UOPs(User Operation Prohibitions): A form of use restriction used on video DVD discs and Blu-ray discs. Most DVD players and Blu-ray players prohibit the viewer from performing a large majority of actions during sections of a DVD that are protected or restricted by this feature, and will display the no symbol or a message to that effect if any of these actions are attempted. It is used mainly for copyright notices or warnings, such as an FBI warning in the United States, and "protected" (i.e., "unskippable") commercials.
Remove RCE, specify the disc's region code:
To remove the 'RCE - Region Code Enhancement', you will be required to choose the correct region code at a pop-up window. The region code usually can be found on the original DVD package.
Remove layer break:
When compressing a DVD-9 size content to fit on a DVD-5 blank disc in Main Movie, Full Disc, Customize, Customize Split or Merge mode, this option is supposed to be enabled, while DVDFab will ignore this setting and preserve the original layer break when it comes to Clone mode.

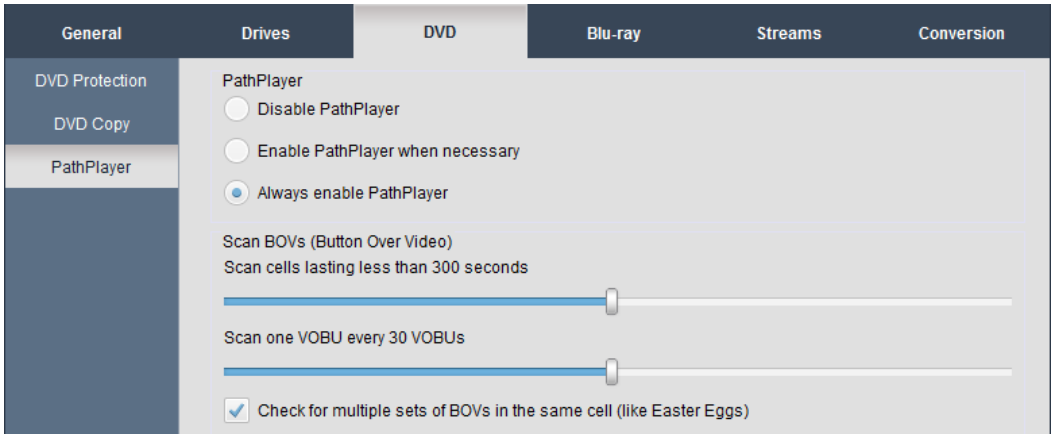
8.3.2 DVD Copy

The settings here apply to all the copy modes of DVD Copy.
Default output size: DVD 5 means single-layer blank DVD 5 disc, while DVD 9 dual-layer blank DVD 9 disc. The default setting will be preloaded at DVDFab Main Interface, but can be reset by the user before starting the copy process.
Default output type: This option means the output methods of the copy task, DVD Writer and DVD Folder. This setting can also be reset at the target setting box of Main Interface before each task, by clicking the yellow folder icon or the disc image icon right behind.
Default CGP: You can choose Black Screen or DVDFab to replace the titles that are not be copied.



Create dvdid.xml file: This checkbox allows the user to specify whether a small disc ID file will be written along with the output folders. The file allows other applications to automatically find cover art and other information about the title on the internet, e.g. Windows Media Center.
Title Assignment Setting: if possible, put more titles on disc 1 or disc 2 as you prefer.

8.3.3 PathPlayer



What's PathPlayer?
PathPlayer gives DVDFab the ability to copy DVD content only allowed to be played on a real DVD player. In this way, DVDFab will ignore unplayable content which may contain copy protection.
How PathPlayer works?
PathPlayer works like a real DVD player, it follows every play path of a DVD, checking everything that you can access on a DVD player with a remote controller. When PathPlayer finishes, DVDFab can know all the content that a real DVD player will read. The copy protection exists in the unplayable DVD content, DVDFab will not read it when copying.
Disable PathPlayer:
Since PathPlayer may need several minutes to open a DVD, if you know the disc is not copy protected, you can disable it to save time.
Enable PathPlayer when necessary:
DVDFab will not enable PathPlayer in normal cases when opening a DVD. Once DVDFab detects a reading error when copying DVD, it will ask user to restart DVDFab to reopen the DVD using PathPlayer. In this way,

DVDFab has the ability of opening DVD as fast as before, and uses PathPlayer when really necessary. If the reading error is encountered more than a minute or two into the copy process it will save time to use the default ("Always Enable") option below.

Always Enable PathPlayer (Default):

Improvements in PathPlayer and reductions in the scanning time have allowed this to become the default option. This option gives DVDFab the most information about your DVD and will usually result in a better, more reliable backup copy. You can still set the other two options (above) if desired. PathPlayer must be in “Full Disc” mode for the "Jump To..." navigation features to be active.

Scan BOVs (Button Over Video):

Button Over Video (BOV) is a feature seen more and more on recent DVDs. The purpose of BOV is basically to make a transition from your main movie to some extra that is in another VTS. One good example is the white rabbit feature in The Matrix. Other examples are Bambi II, Stuart Little 2, Spiderman and Men in Black II.

Scan cells lasting less than # seconds:

DVDFab scans the title VOBSs for BOVs. To speed things up and not waste time scanning parts of the VOB that are unlikely to contain buttons, DVDFab only scans cells that are of small to average duration. The preferences allow you to adjust the maximum duration of cells which will be scanned for BOVs. Default value is '300', which is a cell time of 5 minutes.

Scan one VOBU every # VOBUs:

Set it to 1 to scan every VOBU in the selected cells (slowest but safest). Set it to a higher number to by-pass some VOBUs within a cell. In any event, for safety, the first and last VOBU of every cell in the VTS is scanned. Our tests show the default setting of 30 is reasonable. At this setting, the first VOBU is scanned, then 30 are missed, then another is scanned, then another 30 are by-passed, until the cell ends, at which time the last VOBU is scanned. Default value is '30', which is about 15 seconds of video.

Multiple BOVs:

This checkbox option (see screen capture below) tells PathPlayer to check for additional BOVs when it finds one set in a cell. This is found only rarely on certain discs for unusual features (like Easter eggs). This deeper analysis takes additional time, so the default is unchecked for faster PathPlayer analysis. You can enable the feature by checking the box if you think there are features like this on your disc.

8.4 Blu-ray

8.4.1 Blu-ray Protection

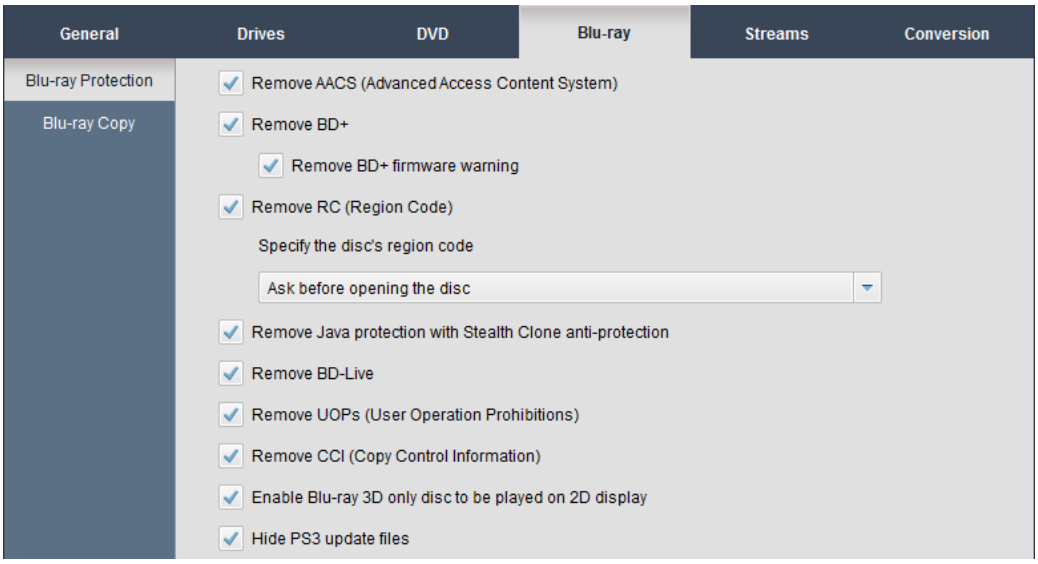
Make sure that "Remove AACS, BD+, RC, BD-Live, UOPs" options are enabled. The names are different copy protection systems and if you don't remove them - then the Blu-ray DVD will still be copy protected and cannot be copied.

Remove AACS(Advanced Access Content System):

The Advanced Access Content System (AACS) is a standard for content distribution and digital rights management, intended to restrict access to and copying of the next generation of optical discs and DVDs. The specification was publicly released in April 2005 and the standard has been adopted as the access restriction scheme for HD DVD and Blu-ray Disc (BD).

Remove BD+/Remove BD+ Firmware Warning:

BD+ is a component of the Blu-ray Disc Digital Rights Management system. It was developed by Cryptography Research Inc. and is based on their Self-Protecting Digital Content concept.



Remove RC (Region Code):
Blu-ray Discs are digitally encoded with a "region code" (A, B, or C, sometimes referred to as 1, 2, or 3), which allows the disc to play only in a Blu-ray player with the same region code.
Remove BD-Live:
Some of BD-Live content are AACS encrypted, and the backup disc you are watching it without decryption.
Remove UOPs(User Operation Prohibitions): Please see above DVD part.

8.4.2 Blu-ray Copy

Default output size: BD50, BD25 1080p/i, BD9 1080p/i, BD9 720p, BD5 1080p/i and BD5 720p. The differences of them are the Size, Resolution and Video quality. 1080p/i is better than 720p in the same level. The video quality of BD50 is better than BD25's. BD9 and BD5 are the same logic.
Enable full scan: Since the logic of scanning just search 10% of full disc, which is not very accurate. If you want to get the perfect and accurate result, please enable this full scan function.
Always remove HD audio: This check box "Remove HD Audio" can be selected in Full disc and Main Movie modes. The purpose is to convert Dolby TrueHD to Dolby AC3 and DTS-HD Master Audio to DTS, to save

space for video when compression is needed. You can enable or disable it accordingly in the main screen or always enable it here.

Always Create miniso file: this option can create a miniso file while copy Blu-ray movies to computer HDD as a movie folder. The miniso file can be mounted by DVDFab Virtual Drive and then accessed by media player software.

AVCHD (BD5/BD9) Compatibility Settings:

Create restrict compatible AVCHD folder structure (without certificate folder) : If you play the disc that you ripped in stand-alone player, please enable this radio button.

Create software player friendly AVCHD folder structure (with certificate folder): If you play the disc that you ripped in software player, please enable this radio button.

8.5 Streams

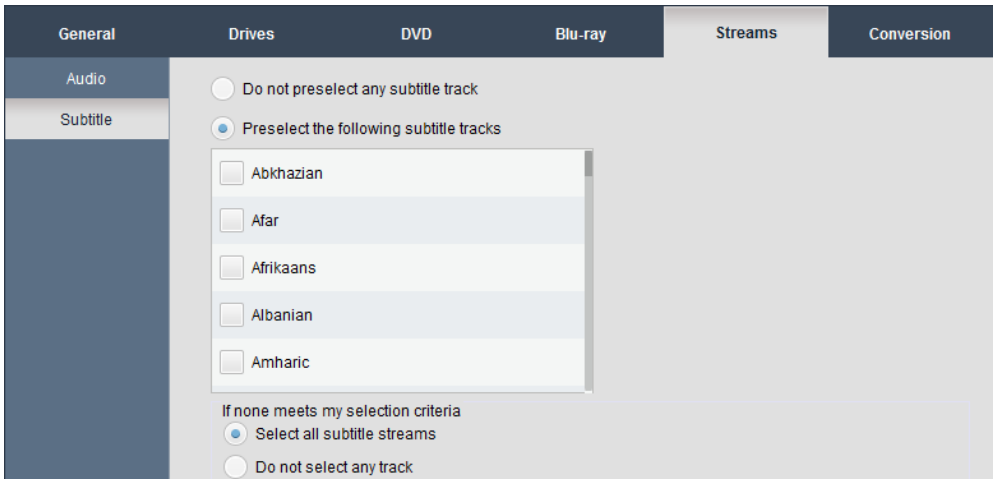
This part defines how DVDFab 9 preselects Audio track(s) and Subtitle stream(s) after analyzing sources.

8.5.1 Audio

You can let DVDFab preselect audio tracks based on language and other factors. Every DVD is different so verify that the pre-selected tracks contain the audio you want on your backup.

8.5.2 Subtitle

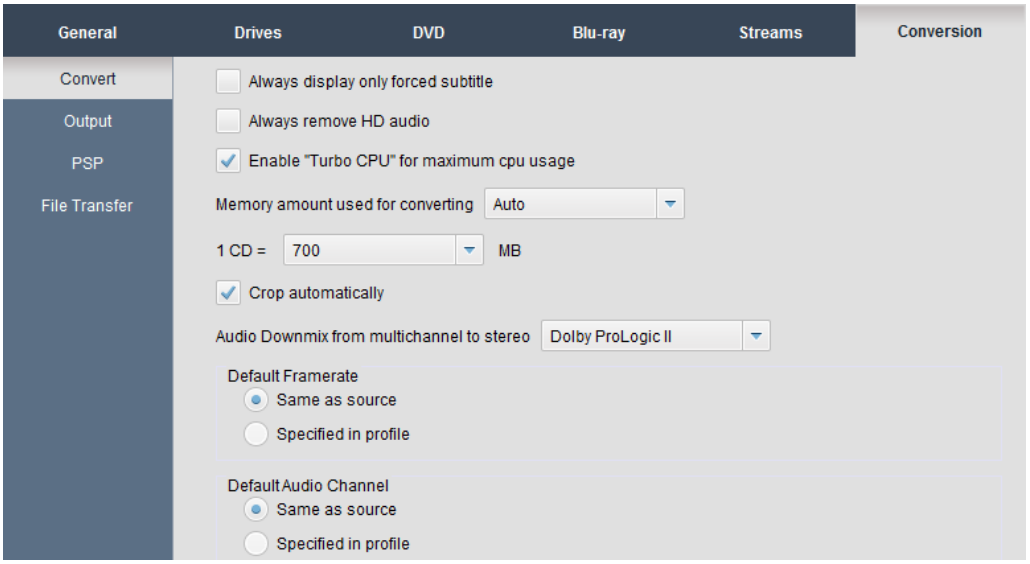
You can let DVDFab preselect subtitles based on the specific language. Make sure the subtitles selected are for the main movie and not a commentary or other special feature. You can override these pre-selections at the Operation Window where the subtitle selection box appears. You can click the button at the top of the page to have NO subtitle pre-selected.



8.6 Conversion

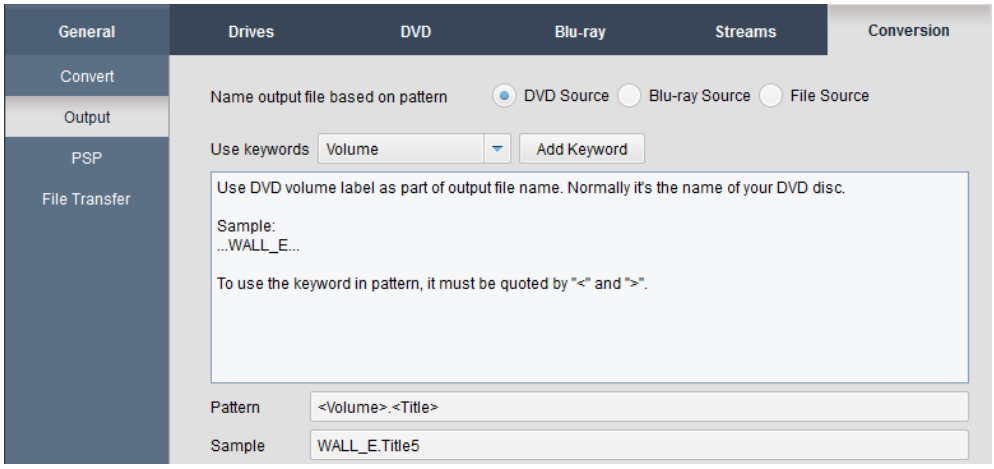
8.6.1 Convert

This page contains some settings that apply to DVD Ripper.



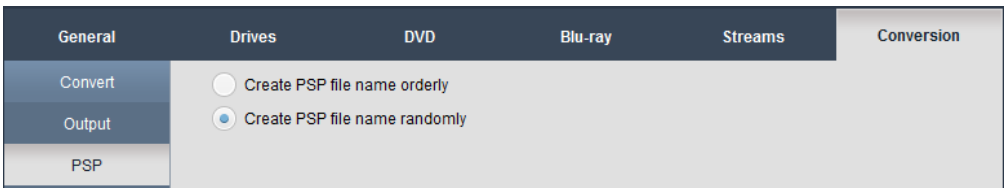
Memory Usage: Use this selector to change the way DVDFab uses your computer's memory resources. "Auto" will work well for most users, but you can experiment with the other settings, which may improve mobile conversion speeds. Note that "MAX" may not produce the fastest speed; each PC system will be different so try each setting to see the result.
CD Size: Customize the size of a CD when converting so that the files produced will fit in the desired space.
Cropping: This checkbox allows you to turn the cropping function on or off by default. You can also set this manually using the buttons on the Crop Settings page as you set up a conversion.

8.6.2 Output



Define how to name the output file, based on DVD Source, Blu-ray Source or File Source and how to manipulate keywords.

8.6.3 PSP



This page controls the way of creating PSP file name, orderly or randomly. If you click the “Default” button at the bottom Common Settings window, all the settings will reverse back to factory settings.

9. Update of this User Guide

Fengtao Software Inc. reserves all the rights to update, and change this User Guide per special needs without notice to users, and customers.